FINAL REPORT

Voluntary Environmental Site Assessment

Illinois Railway Easements
Wedron, IL 60557

Illinois Railway, L.L.C

October 2012

CDM Smith

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Executive Summary

This report presents the findings of the Voluntary Environmental Site Assessment (ESA) completed for the Illinois Railway easements located in Wedron, Illinois. Throughout this document the Illinois Railway property will be referred to as the Site. As part of the Voluntary ESA, CDM Smith Inc. (CDM Smith) performed a subsurface soil and groundwater investigation on August 23-24, 2012.

The purpose of the limited investigation was to determine if impacted soil and/or groundwater are present in the following three areas along the Illinois Railway right-of-way: the UST removal area (UST); the area surrounding GP-3 (WS); and the Spill Removal Area (SRA). **See Figure 1.**

UST Area

The Voluntary Investigation by CDM Smith included the advancement of six borings from 16 to 24 feet below ground surface (bgs) around the UST Area to verify the surrounding soils had not been impacted. Figure 2 illustrates the sample locations. Samples collected within the UST Area were submitted for analysis of BTEX and total lead.

The geology of the UST Area consisted of three to four feet of brown silt and gravel fill material that overlies around 12 feet of tan silty clay with a trace of sand and gravel. The clay has sand and gravel seams throughout and is soft in consistency with a low amount of moisture. Below the clay is a silty sand layer that appears from 14 to 16 feet bgs. Groundwater was not encountered.

WS Area

The Voluntary Investigation by CDM Smith focused on the area surrounding GP-3. Eleven borings were advanced to 20 feet bgs in the WS Area on August 23 and 24, 2012. **Figure 3** illustrates the sample locations. Samples collected within the WS Area were submitted for analysis of BTEX and polynuclear aromatic hydrocarbons (PNAs) since there was a gas station located west across Route 71 and historically there was oil storage areas along the west side of Route 71. In addition, four samples with elevated photoionization detector (PID) readings were analyzed for TPH. A temporary well was placed and developed within the downgradient location.

The geology of the WS Area consisted of approximately two feet of brown topsoil and gravel fill. This fill material overlies the tan silty clay seen in the UST Area. The clay has sand and gravel seams throughout. Sandstone bedrock was encountered in this area at approximately 18 to 20 feet bgs. Depth to groundwater was 8.77 feet bgs to 15 feet bgs based on field observations.

SRA Area

The SRA sampling plan was revised due to the presence of a fiber optic line that runs north-south right in the middle of the SRA. Three borings were placed downgradient (east) and two borings were placed upgradient (west) on August 24, 2012. **Figure 4** illustrates the sample locations. The borings were advanced to 12 feet bgs. Samples were collected from the 0-3 foot bgs and 3-10 foot bgs interval and submitted for analysis of BTEX and PNAs.

The geology of the SRA area consists of approximately three to four feet of silica sand and top soil/gravelly asphalt fill material. This fill material overlies a tan silty clay with trace sand and gravel. The clay layer also has sand and gravel stringers throughout.

Depth to groundwater was 8.77 feet bgs to 15 feet bgs based on the initial groundwater level measurements.

Analytical Summary

The subsurface investigation included the collection of 59 soil samples from a total of 22 soil borings. Forty-one (41) samples were analyzed for BTEX, PNAs, TPH, or total lead based on previous investigations, historical use, and potential chemicals of concern. The remaining 18 samples were placed on hold pending review of the initial analytical results. CDM Smith compared soil sample analytical results to the Illinois Tiered Approach to Corrective Action Objectives (TACO) soil remediation objectives (SROs) for the industrial/commercial and construction worker exposure routes. CDM Smith's subsurface soil investigation identified the following results:

UST Area

No analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.

WS Area

- There were no exceedance of the TACO Tier 1 industrial/commercial SROs for BTEX or PNAs.
- Ethylbenzene, xylenes, and naphthalene were detected at concentrations greater than the TACO construction worker inhalation exposure route SRO at two (2), four (4), and one (1) sample location, respectively.
- The following analytes were detected at concentrations greater than TACO Tier 1 soil component of groundwater ingestion exposure route for Class I or Class II groundwater: benzene, ethylbenzene, and xylenes. Benzene migration to groundwater exceedances was identified at one (1) soil boring locations. Ethylbenzene migration to groundwater exceedances was identified at two (2) soil boring locations. Xylenes migration to groundwater exceedances was identified at two (2) soil boring locations.
- TPH was detected in two (2) of the four (4) samples, collected, WS-2-3 and WS-10-1. The characteristics of the constituents present do not resemble the diesel fuel standard (i.e., the heavier chain hydrocarbons typically comprising diesel fuel are not present).
- No other analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.

SRA Area

No analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.

CDM Smith also conducted a limited groundwater investigation at the Site. One (1) groundwater monitoring well was installed to an approximate depth of 18.5 feet at the furthest east or down-gradient location within the WS Area. A groundwater sample was collected and analyzed for BTEX and PNAs. There were no exceedances of TACO's Class I or Class II groundwater remediation objectives.

Section 1

Introduction

1.1 Introduction

This report presents the results of the Voluntary Environmental Site Assessment (ESA) conducted by CDM Smith Inc. (CDM Smith) on behalf of the Illinois Railway for the Illinois Railway easements located in Wedron, Illinois. Within this report, the easements are referred to as the Site. The Site location is shown on **Figure 1.** The Site is located in a mixed industrial/commercial and residential land use area.

The primary objective of the Voluntary ESA is to assess potential soil contamination associated with the areas of concern (AOC) identified in the following documents:

- GZA GeoEnvironmental, Inc. June 4, 2012. Results of Shallow Subsurface Investigation, Proposed Technisand Rail Siding Load Out, Wedron Silica Property, Wedron, Illinois.
- Historical Information Gatherers, Aerial Photographs, HIG Project Number 124380, for the years 1939, 1958, 1964, 1967, 1970, 1988, 1999, 2005, 2007, and 2009.
- Illinois Railway, 1901-1951, Valuation Map.
- Office of State Fire Marshal, Division of Petroleum & Chemical Safety. Records pertaining to the May 17, 1990 Underground Storage Tank Removal for the LaSalle County Farm Supply Co.
- SUNPRO, Inc. June 9, 2012. Final Project Report, Emergency Response and Remedial Services for a Diesel Release, Wedron, Illinois.
- Underground Storage Tank Specialists, Inc. August 7, 2012. 45-Day Report/Corrective Action Completion Report (CACR) for LUST Incident #20120767.

This report presents the field investigation methods and procedures, results of the field investigation, conclusions, and recommendations.

1.2 Site Description

The main line that runs north-south through Wedron, Illinois and easements/spurs are owned by Illinois Railway. The Fairmount Minerals subsidiaries, Wedron Silica and Technisand Wedron, operate the easements/spurs. Wedron Silica operates the sand mining operation at the south end of town, with the main processing facility located south of County Highway 21. The Technisand Wedron facility is located north of Highway 21. There were three main areas included as part of the investigation: the UST removal area (UST), the area surrounding GP-3 (WS), and the Spill Removal Area (SRA). See **Figure 1.**

1.2.1 UST Area

The UST Area is at the north end of the investigation area within an area under construction for new rail spurs to link into the main line. The UST Area is bordered by additional rail and spurs to the east and commercial and residential areas to the west across County Highway 21.

1.2.2 WS Area

The WS Area is located just north of the Technisand Wedron finished product truck and rail load out and goes from the east side of County Highway 21 east between the Technisand Wedron and Wedron Silica spurs and Illinois railway main line.

1.2.3 SRA Area

The SRA Area is just south of the County Highway 21 railroad crossing, along the main Illinois Railway line. There is an additional Wedron Silica spur and parking area to the west and additional spurs to the east followed by the Wedron Silica processing facility.

1.3 Previous Investigations

The Voluntary ESA activities focused on the Areas of Concern (AOCs) identified in the previous investigations and historic maps. These investigations revealed the following AOCs in connection with the Site based on historic use:

1.3.1 UST Area

During construction of additional railroad sidings on July 18, 2012, a 560-gallon gasoline underground storage tank was discovered. The tank was removed on July 26, 2012, along with 200 gallons of liquid and 80 tons of impacted soils due to a spill from the initial discovery. The Illinois Emergency Management Agency (IEMA) was notified and the site was assigned leaking UST incident #20120767. Upon removal of the tank and impacted soils, 12 confirmatory samples were collected from the sidewalls and base of the excavation and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), and total lead. The analytical results did not indicate additional impacts. A no further remediation (NFR) letter was issued on August 30, 2012.

1.3.2 WS Area

The LaSalle County Farm Supply Company operated a 500-gallon gasoline UST in the vicinity of GP-3 from approximately 1971 to 1990. The UST was registered with the Office of the State Fire Marshal (OSFM) in 1986 and removed on May 17, 1990. According to the OSFM's Log of UST Removal, there were no indications of contamination.

GZA GeoEnvironmental, Inc. (GZA) completed a Shallow Subsurface Investigation on April 26, 2012 along the west side of the existing Technisand Rail Siding Load Out at the Fairmount Minerals/Wedron Silica Co. property. Twenty borings were completed to 6 feet below ground surface (bgs) along and 850-foot portion in the area for the proposed railroad sidings to identify potential residual contaminants from historic operations. Analyses included BTEX and total petroleum hydrocarbons (TPH) as gasoline range organics (GRO). Soil staining and/or petroleum odors were not observed. Samples were submitted from GP-1 through GP-6 and GP-8 through GP-20. TPH as GRO was detected in GP-1, GP-3, and GP-5. BTEX compounds were detected in GP-3, with xylenes detected in GP-18.

1.3.3 SRA Area

On June 9, 2012, a piece of steel ruptured the diesel fuel tank on a locomotive along the Illinois Railway within the Fairmount Minerals facility. Approximately 600 to 800 gallons of diesel fuel were spilled. The IEMA was notified and the site was assigned IEMA incident #20120582. Approximately 381 tons of impacted soils were removed from between the rails and disposed of offsite. Upon removal of the impacted soils, 11 confirmatory samples were collected from the excavation and analyzed for diesel range organics (DRO). One sample indicated 57 ppm DRO. The remaining ten soil samples reported DRO below the laboratory detection limits.

The AOCs identified by the prior reports were further characterized through the completion of borings, installation of a temporary monitoring well, and analyses of soil and groundwater samples. The borings were utilized to characterize the fill and subsurface materials and establish the presence or absence of impacts on the Site.

1.4 Historical Aerial Photographs

CDM Smith obtained and reviewed historical aerial photographs from Historical Information Gatherers (HIG) for the years 1939, 1958, 1964, 1967, 1970, 1988, 1999, 2005, 2007, and 2009. The aerial photographs were reviewed for evidence of historical property usage. Copies of the aerial photographs are included in **Appendix C** and described below:

- The 1939 aerial photograph indicated multiple commercial buildings between the railroad sidings and County Highway 21. The gas station property to the east appears to be developed as well.
- The 1958 aerial photograph indicates additional development along the east side of County Highway 21. The east adjacent property has been developed and a large tract of land across US Highway 20 to the southeast has been clear cut.
- The 1964 and 1988 aerial photographs indicate no major changes to the property.
- The 1999 aerial photograph indicates the area east of County Highway 21 has been cleared.
- The 2005 aerial photograph indicates the west adjacent gas station property is still paved.
- The 2007 and 2009 aerial photographs indicate the adjacent gas station property is a grassy lot. The area east of County Highway 21 is still undeveloped.

The historic map (1901-1951), provided by Illinois Railway, indicated that the east side of County Highway 21 and west of the existing railroad sidings was formerly occupied by commercial and industrial operations, including corn cribs, coal sheds, a grain elevator, scale houses, oil houses, offices, and a Standard Oil Company garage and two tanks.

1.5 Scope of Work

The objective of the Voluntary ESA was to determine if the AOCs in the Phase I ESA have impacted the Site in exceedance of the industrial/commercial standards of the Illinois Environmental Protection Agency's (IEPA) Tiered Approach to Corrective Action Objectives (TACO) guidelines (35 IAC 742). The primary focus of this Voluntary ESA was to investigate the potential impacts from former Site operations, past releases, and potential offsite sources.

CDM Smith completed the following tasks as part of the Voluntary ESA:

1. Prepared a Site-specific health and safety plan for work to be performed at the facility.
2. Coordinated a public utility location prior to the subsurface investigation.
3. Performed soil sampling at 22 locations at the Site to assess potential contamination in subsurface soils.
4. Converted one (1) of the soil sampling locations into a 1-inch temporary monitoring well.
5. Collected a groundwater sample via low-flow sampling techniques.
6. Prepared this Voluntary ESA report.

This report is divided into five sections, including this introduction (Section 1). The remaining sections contain the following information:

- **Section 2**: Methods and procedures used during the Site investigation.
- **Section 3**: Results of the Site investigation.
- **Section 4**: Conclusions.
- **Section 5**: References used to prepare this report.

Section 2

Field Investigation Methods & Procedures

2.1 Methods and Procedures

CDM Smith performed Site investigation activities at the Site on August 23, 2012 and August 24, 2012. The purpose of the Site investigation was to obtain data to identify and assess environmental conditions at the Site. The following sections describe the investigation activities.

Before drilling was conducted, public utilities were notified using the Joint Utility Locating Information for Excavators (JULIE) service to identify and mark known underground utilities.

Twenty-two (22) soil borings were completed using a direct-push drilling rig (geoprobe) at the locations shown in **Figure 1**. Soil was collected continuously in 4-foot intervals to depths ranging from 12 to 24 feet bgs. Subsurface soils were collected by driving a stainless steel barrel, lined with a disposable acetate liner, into the subsurface. Upon removal of the stainless steel barrel, the acetate liner was removed and cut open for characterization and sampling. A geologist classified soils according to the Unified Soil Classification System (USCS) and recorded soil boring details. The boring logs are included in **Appendix A.** Soils were field screened for volatile organic compounds (VOC) with a photoionization detector (PID) as summarized in **Table 1.** All sampling and down-hole equipment was decontaminated prior to use and in between samples using an Alconox® wash followed by a distilled water rinse. After completing the soil borings, the boreholes were abandoned using surplus soil.

Soil was placed into laboratory-supplied containers that were logged, property labeled, placed in iced coolers, and delivered to STAT Analysis Corp. (STAT) within 24 hours using standard chain-of-custody procedures. BTEX analysis was conducted using USEPA Method 8260B, lead using USEPA Methods 6020/7471A, PNAs using USEPA Method 8270C SIM, and TPH using USEPA Method 8015M. Soil samples analyzed for BTEX were collected in accordance with USEPA Methods 5035. Laboratory analytical reports and chain-of-custody forms are provided in **Appendix B.**

2.2 Subsurface Soil Investigation

There were three main areas included as part of the investigation: the UST removal area (UST), the area surrounding GP-3 (WS), and the Spill Removal Area (SRA).

2.2.1 UST Area

Six borings were completed around the UST Area on August 23, 2012, approximately 3 to 6 feet from the edge of the excavation, depending on access. **Figure 2** illustrates the sample locations. Borings UST-1 through UST-4 were completed to 16 feet bgs, with borings UST-5 and UST-6 completed to 20 and 24 feet bgs, respectively, due to the varying slope. Samples were collected from the 0-3 foot bgs and 3-10 foot bgs intervals and submitted for analysis of BTEX and total lead since the UST removed was a gasoline tank.

2.2.2 WS Area

Eleven borings were advanced in the WS Area on August 23, 2012 and August 24, 2012. WS-1 was completed on August 23, 2012 with refusal at 18.5 feet bgs. **Figure 3** illustrates the sample locations. All readings from the PID were 0.0 ppm. Samples were collected from the 0-3 foot bgs and 3-10 foot bgs interval. Samples collected within the WS Area were submitted for analysis of BTEX and polynuclear aromatic hydrocarbons (PNAs) since there was a gas station located west across Route 71 and historically there was oil storage areas along the west side of Route 71. In addition, four samples were analyzed for TPH. A water level indicator was placed into the boring, indicating approximately 3 feet of water. A 1" piezometer was installed with a 10-foot screen. The temporary well was developed the following day, removing approximately 2.5 gallons, and allowed to recharge.

Borings WS-2, WS-3, and WS-4 were also completed on August 23, 2012, approximately 5 to 15 feet east of GP-3. The borings were completed to 20 feet bgs or refusal. Elevated PID readings were detected in all three borings (1200 ppm, 1083 ppm, and 433 ppm, respectively). Lower PID readings (<25 ppm) were also detected at the bottom of the borings. Samples were collected from multiple intervals due to the elevated PID readings throughout the borings and submitted for analysis of BTEX and PNAs. Certain intervals were placed on hold pending receipt of analyses.

WS-5, WS-6, and WS-7 were placed along the west side of the Illinois Railway line, approximately 25 feet west of WS-1. The borings were completed to 20 feet bgs or refusal. Elevated readings were present in all three borings (1470 ppm, 273 ppm, and 41 ppm, respectively). PID readings were 0.0 ppm at the bottom of borings WS-5 and WS-6, with a reading of 41 ppm for WS-7 at 18.5 feet bgs. Samples were collected from multiple intervals due to the elevated PID readings throughout the borings. Certain intervals were placed on hold pending receipt of analysis.

WS-8 and WS-9 were placed approximately 25 feet west of WS-5 and WS-7, respectively. The borings were completed to 20 feet bgs or refusal. Elevated readings were present in both borings (1651 ppm and 1179 ppm, respectively). Samples were collected from multiple intervals due to the elevated PID readings throughout the borings. Certain intervals were placed on hold pending receipt of analyses.

WS-10 was completed 65 feet south of WS-3 and WS-11 was completed 50 feet south of WS-10. Elevated PID readings were present in both borings (1892 ppm and 1728 ppm, respectively). A sample was collected from the highest PID reading from each boring as well as the 0-3 foot interval in WS-11 (due to elevated PID readings, 33 ppm).

2.2.3 SRA Area

The SRA sampling plan was revised due to the presence of a fiber optic line that runs north-south right in the middle of the SRA. Three borings were placed downgradient (east) and two borings were place upgradient (west) on August 24, 2012. **Figure 4** illustrates the sample locations. The borings were completed to 12 feet bgs. All readings from the PID were 0.0 ppm. Samples were collected from the 0-3 foot bgs and 3-10 foot bgs intervals and submitted for analysis of BTEX and PNAs since the release was from a locomotive diesel tank.

2.3 Groundwater Investigation

One (1) of the soil borings was converted to a groundwater monitoring well installed to a depth of 18.5 feet bgs. The well was constructed of 1-inch diameter PVC riser with a 10-foot section of 0.010-inch slotted screen. The well was installed following industry standards and was developed by surging and pumping until water ran clear, using a whale pump.

A groundwater sample was collected using the low flow technique and a peristaltic pump. The water sample was pumped directly into laboratory-supplied sampling containers with proper preservative where necessary. The sample was labeled and placed on ice in a cooler for transport to the laboratory using standard chain-of-custody procedures. The sample was analyzed for BTEX and PNAs. Laboratory analytical reports and chain-of custody forms are provided in **Appendix B.**

2.4 Laboratory Analysis

Soil and groundwater samples were submitted to STAT, an Illinois accredited laboratory, for analysis using standard chain-of-custody procedures. Upon arrival, the laboratory checked that the samples were properly labeled, correctly stored, and sample containers were correctly preserved. The laboratory performed analysis of the samples using methods established by the USEPA, and followed established quality assurance/quality control procedures.

2.5 Quality Assurance/Quality Control

Soil and groundwater samples were collected and stored in accordance with general ASTM procedures for environmental sampling. These procedures included calibration field instruments (PID) and storing samples in a cooled environment to preserve the integrity of the samples.

STAT is an IEPA-accredited analytical laboratory. STAT followed the Quality Assurance/Quality Control (QA/QC) procedures set forth for each analytical method in USEPA SW-846 (USEPA, 1996) as well as their own established QA/QC procedures.

Section 3

Results of the Field Investigation

3.1 Surface and Subsurface Conditions

The following descriptions of the surface and subsurface conditions at the Site are based on field observations and the boring logs (refer to **Appendix A**) created during this investigation.

3.1.1 UST Area

The geology of the UST Area consisted of three to four feet of brown silt and gravel fill material that overlies around 12 feet of tan silty clay with trace sand and gravel. The clay has sand and gravel seams throughout and is soft in consistency with a low amount of moisture. Below the clay is a silty sand layer that appears from 14 to 16 feet bgs. All readings from the PID were 0.0 ppm. Groundwater was not encountered.

3.1.2 WS Area

The geology of the WS Area consisted of approximately two feet of brown topsoil and gravel fill. This fill material overlies the tan silty clay seen in the UST Area. The clay has sand and gravel seams throughout. Sandstone bedrock was encountered in this area at approximately 18 to 20 feet bgs. Depth to groundwater was 8.77 feet bgs to 15 feet bgs based on field observations.

- Boring WS-1 had a PID reading of 0.0 ppm.
- Borings WS-2, WS-3, and WS-4 had elevated PID readings of 1200 ppm, 1083 ppm, and 433 ppm, respectively. Lower PID readings (<25 ppm) were also detected at the bottom of the borings.
- WS-5, WS-6, and WS-7 had elevated PID readings of 1470 ppm, 273 ppm, and 41 ppm, respectively. PID readings were 0.0 ppm at the bottom of borings WS-5 and WS-6, with a reading of 41 ppm for WS-7 at 18.5 feet bgs.
- WS-8 and WS-9 had elevated PID readings of 1651 ppm and 1179 ppm, respectively.
- WS-10 and WS-11 had elevated PID readings of 1892 ppm and 1728 ppm, respectively.

3.1.3 SRA Area

The geology of the SRA Area consists of approximately 3 to 4 feet of silica sand and top soil/gravelly asphalt fill material. This fill material overlies a tan silty clay with trace sand and gravel. The clay layer also has sand and gravel stringers throughout. Groundwater was not encountered.

3.2 Analytical Soil Results

A total of 41 soil samples were analyzed at the laboratory. The complete laboratory report is provided in **Appendix B**. Results were compared to the proposed Tier 1 soil remediation objectives (SRO) from Illinois TACO regulations (35 IAC 742) for the industrial/commercial scenario. The TACO regulations outline procedures to develop remediation objectives for soil and groundwater based on risks to human health, taking into account the existing pathways for human exposure and the current and

future use of the Site. The methodology consists of a three-tiered approach for establishing remediation objectives.

This review for the Site was conducted under TACO Tier 1, which considers limited Site-specific information and specifies generic remediation objectives based on simple and conservative numeric models. Tier 1 SROs are pre-determined remediation objectives established by the IEPA using toxicological and chemical specific parameters. The soil sample results were compared to Tier 1 SROs for the ingestion, inhalation for industrial/commercial scenarios and the soil component of the groundwater ingestion exposure routes for Class I and Class II groundwater. A summary of soil analytical results compared to the Tier 1 SROs are provided in **Tables 2-4.**

3.2.1 UST Area

No analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs. Lead was detected in all twelve (12) samples, ranging from 2.3 to 30 ppm.

3.2.2 WS Area

There were no exceedances of the TACO Tier 1 industrial/commercial SROs for BTEX or PNAs.

The following analytes were detected at concentrations greater than TACO Tier 1 soil component of groundwater ingestion exposure route for Class I or Class II groundwater: benzene, ethylbenzene, and xylenes. Benzene migration to groundwater exceedances was identified at two (2) soil boring locations. Ethylbenzene migration to groundwater exceedances was identified at two (2) soil boring locations. Xylenes migration to groundwater exceedances was identified at two (2) soil boring locations.

In addition, ethylbenzene, xylenes, and naphthalene were detected at concentrations greater than the TACO construction worker inhalation exposure route SROs at two (2), four (4), and one (1) sample location, respectively.

No other analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.

TPH was in two of the four samples collected. GRO/DRO was identified in WS-2-3 at 450 and 270 ppm and in WS-10-1 at 3600 and 350 ppm, respectively. Extended range organics (ERO) was also present in WS-10-1 at 22 ppm.

TPH was quantified as gasoline range organics (GRO) and DRO (3,600 and 2,500 ppm, respectively) by the laboratory in the soil sample WS-10-1 (see Table 3). The laboratory analyses, however, do not match the diesel fuel standard even though some of the petroleum hydrocarbon constituents present in the sample straddle the characteristic contents of both typical gasoline and typical diesel fuels.

TPH results from sample WS-2-3 exhibit similar conditions where the "total" petroleum hydrocarbon constituents are detected in both the GRO and DRO analyses (450 and 270 ppm, respectively); however, the characteristics of the constituents present do not resemble the diesel fuel standard (i.e., the heavier chain hydrocarbons typically comprising diesel fuel are not present).

3.2.3 SRA Area

No analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs. PNAs were detected in two (2) of the ten (10) samples analyzed.

3.3 Analytical Groundwater Results

One (1) groundwater sample was submitted to the laboratory for analysis. The complete laboratory report is provided in **Appendix B**. Results were compared to Class I and Class II groundwater remediation objectives (GRO) from Illinois EPA TACO Tier 1 guidelines (35 IAC 742). There were no exceedances of the TACO Class I or Class II GROs for BTEX or PNAs.

Section 4

Conclusions

4.1 Conclusions

This report presents the findings of the Voluntary ESA completed at the Illinois Railway easements property located in Wedron, Illinois. As part of the Voluntary ESA, CDM Smith performed a subsurface soil and limited groundwater investigation on August 23, 2012 and 24, 2012.

The subsurface investigation included the collection of 59 soil samples from a total of 22 soil borings. Forty-one (41) samples were analyzed for BTEX, PNAs, TPH, or total lead based on the previous reports, historical use, and chemicals of concern. The remaining 18 samples were placed on hold pending review of the initial analytical results. CDM Smith compared soil sample analytical results to the IEPA's TACO SROs for the industrial/commercial exposure route. CDM Smith's subsurface soil investigation identified the following results.

4.1.1 UST Area

No analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.

4.1.2 WS Area

- There were no exceedance of the TACO Tier 1 industrial/commercial SROs for BTEX or PNAs.
- Ethylbenzene, xylenes, and naphthalene were detected at concentrations greater than the TACO construction worker inhalation exposure route SROs at two (2), four (4), and one (1) sample locations, respectively.
- The following analytes were detected at concentrations greater than TACO Tier 1 soil component of groundwater ingestions exposure route for Class I and Class II groundwater: benzene, ethylbenzene, and xylenes.
  - Benzene migration to groundwater exceedances was identified at two (2) soil boring locations.
  - Ethylbenzene migration to groundwater exceedances was identified at two (2) soil boring locations.
  - Xylenes migration to groundwater exceedances was identified at two (2) soil borings locations.
- No other analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.
- TPH was quantified as GRO and DRO in two (2) soil borings. The laboratory analyses, however, do not match the diesel fuel standard even though some of the petroleum hydrocarbon constituents present in the sample straddle the characteristic contents of both typical gasoline and typical diesel fuels. The characteristics of the constituents present do not resemble the

diesel fuel standard (i.e., the heavier chain hydrocarbons typically comprising diesel fuel are not present).

4.1.3 SRA Area

No analyzed parameters were identified in exceedance of TACO Tier 1 industrial/commercial SROs.

CDM Smith also conducted a limited groundwater investigation at the Site. One (1) groundwater monitoring well was installed to an approximate depth of 18.5 feet. The well location was at the furthest east or downgradient sampling location within the WS Area. A groundwater sample was collected and analyzed for BTEX and PNAs. There were no exceedances of TACO's Class I or Class II GROs.

Section 5

References

GZA GeoEnvironmental, Inc. June 4, 2012. *Results of Shallow Subsurface Investigation, Proposed Technisand Rail Siding Load Out, Wedron Silica Property, Wedron, Illinois.*

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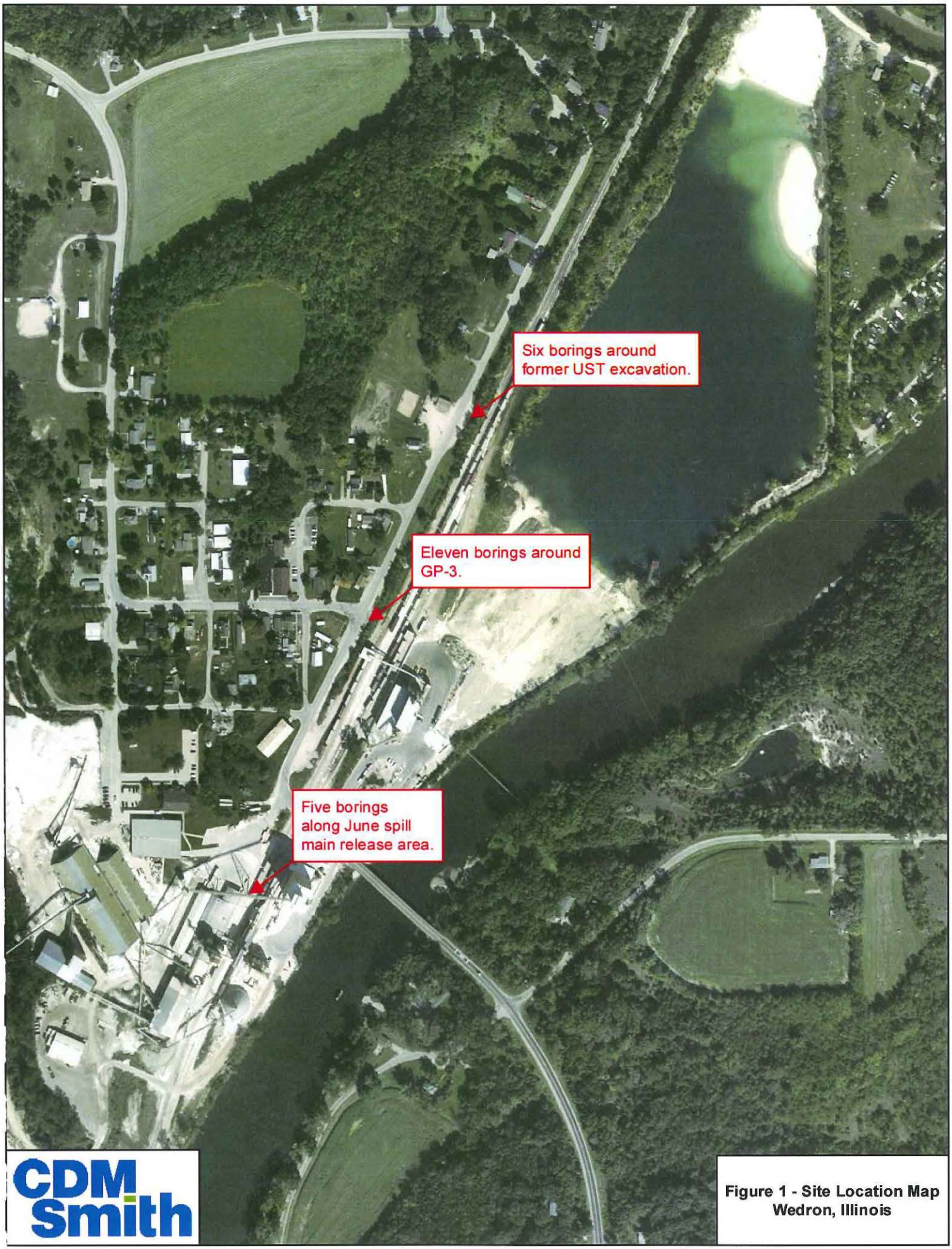
FIGURES



CDM Smith

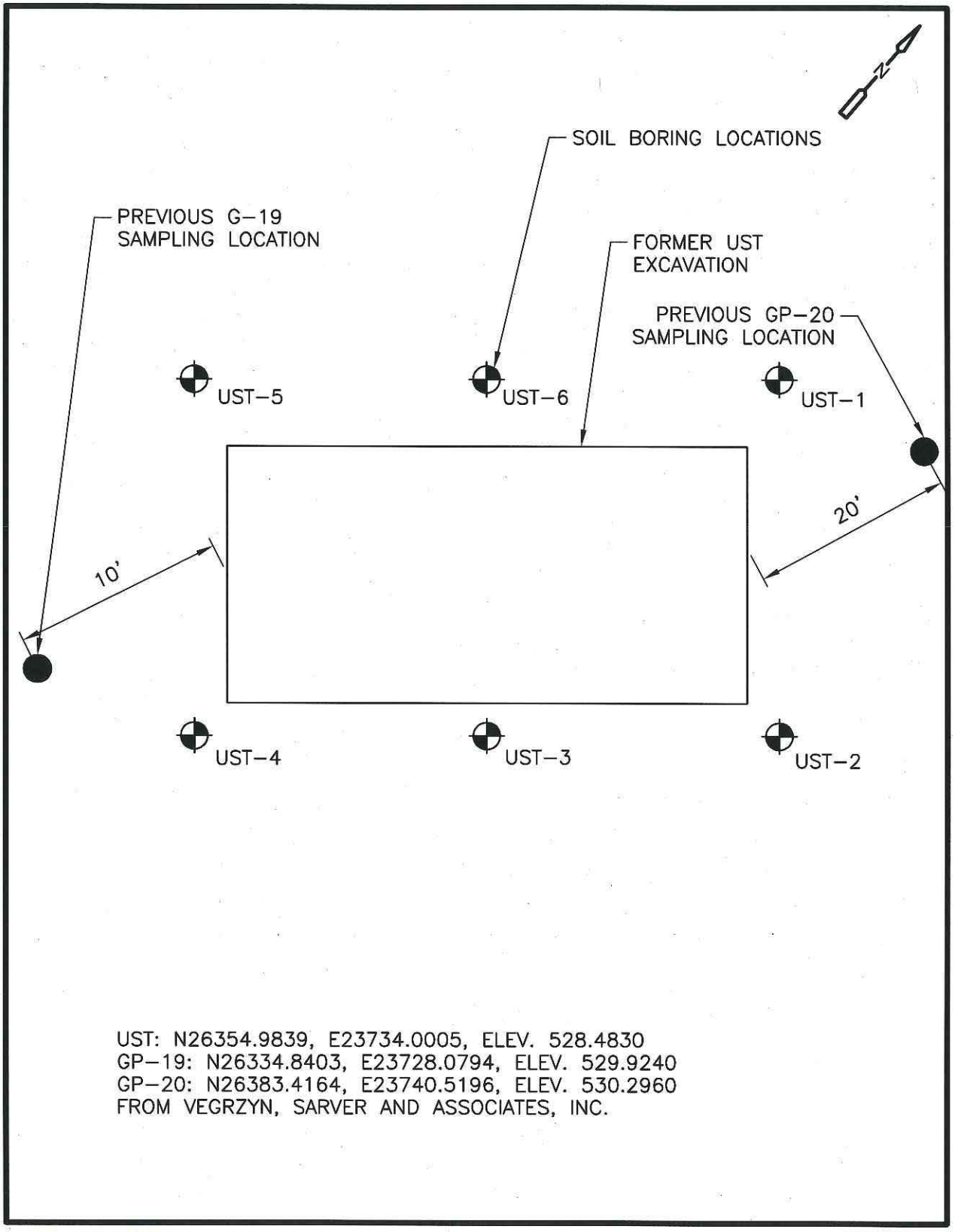
Figure 1 - Site Location Map
Wedron, Illinois

CDM Smith

0 30 Feet

1 inch = 30 feet

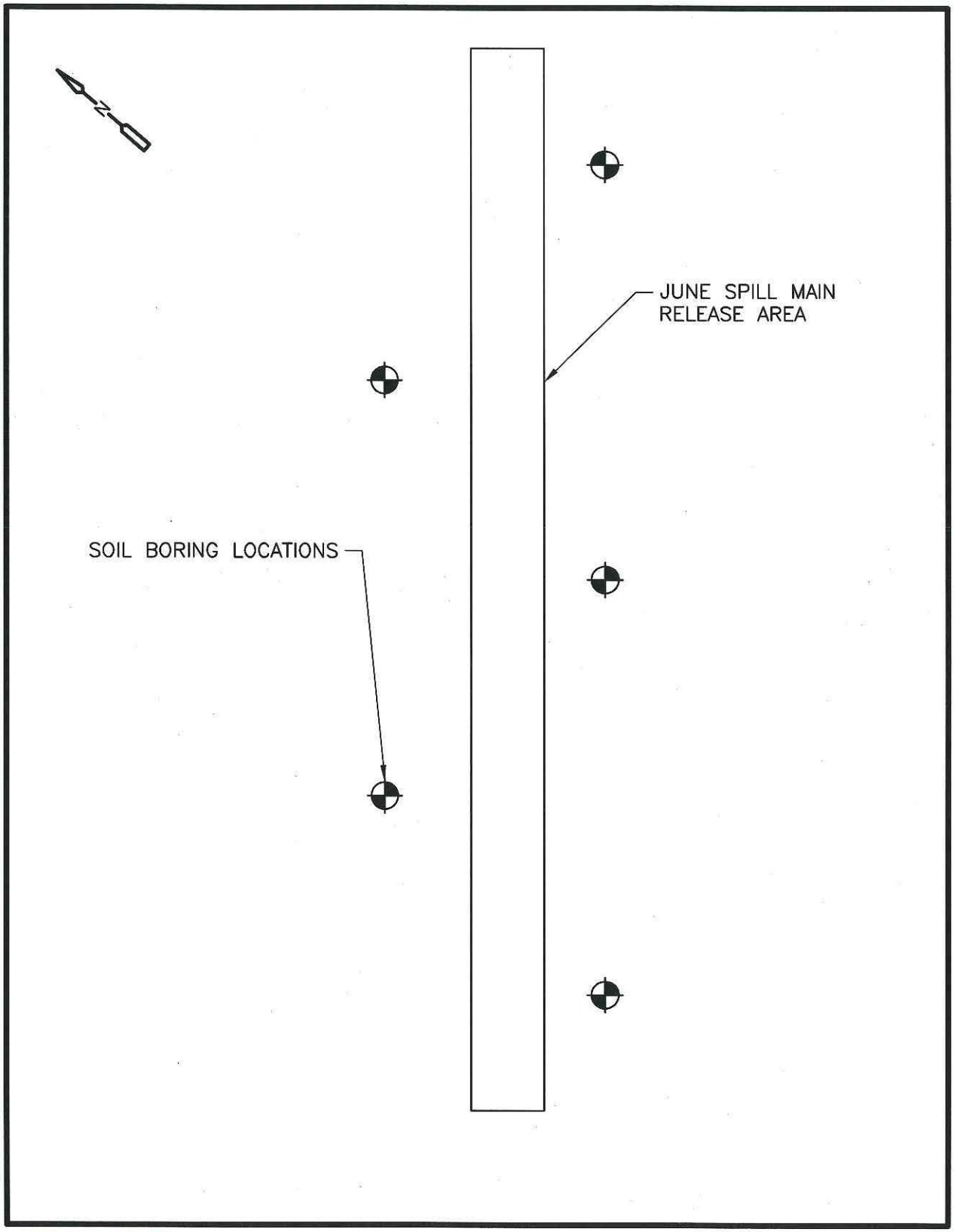
FIGURE 2
WS AREA SAMPLE LOCATIONS
WEDRON, IL



UST: N26354.9839, E23734.0005, ELEV. 528.4830
GP-19: N26334.8403, E23728.0794, ELEV. 529.9240
GP-20: N26383.4164, E23740.5196, ELEV. 530.2960
FROM VEGRZYN, SARVER AND ASSOCIATES, INC.

CDM Smith

FIGURE 3
SOIL BORING LOCATIONS AT FORMER UST
WEDRON, IL
AUG 2012



CDM Smith

FIGURE 4
SOIL BORING LOCATIONS AT JUNE 2012 DIESEL SPILL LOCATION, WEDRON, IL
AUG 2012

TABLES

Illinois Railway Easements
Phase II ESA

Table 1 - Field Measurements

Point	Depth	Method	Reading	Units	Sample	Analyses
SRA-1	1	PID	0	ppm	SRA-1-1	BTEX, PNAS
SRA-1	2	PID	0	ppm		
SRA-1	3	PID	0	ppm		
SRA-1	4	PID	0	ppm		
SRA-1	5	PID	0	ppm		
SRA-1	6	PID	0	ppm	SRA-1-2	BTEX, PNAS
SRA-1	7	PID	0	ppm		
SRA-1	8	PID	0	ppm		
SRA-1	9	PID	0	ppm		
SRA-1	10	PID	0	ppm		
SRA-1	11	PID	0	ppm		
SRA-1	12	PID	0	ppm		
SRA-2	1	PID	0	ppm		
SRA-2	2	PID	0	ppm	SRA-2-1	BTEX, PNAS
SRA-2	3	PID	0	ppm		
SRA-2	4	PID	0	ppm	SRA-2-2	BTEX, PNAS
SRA-2	5	PID	0	ppm		
SRA-2	6	PID	0	ppm		
SRA-2	7	PID	0	ppm		
SRA-2	8	PID	0	ppm		
SRA-2	9	PID	0	ppm		
SRA-2	10	PID	0	ppm		
SRA-2	11	PID	0	ppm		
SRA-2	12	PID	0	ppm		
SRA-3	1	PID	0	ppm		
SRA-3	2	PID	0	ppm	SRA-3-1	BTEX, PNAS
SRA-3	3	PID	0	ppm		
SRA-3	4	PID	0	ppm		
SRA-3	5	PID	0	ppm		
SRA-3	6	PID	0	ppm		
SRA-3	7	PID	0	ppm	SRA-3-2	BTEX, PNAS
SRA-3	8	PID	0	ppm		
SRA-3	9	PID	0	ppm		
SRA-3	10	PID	0	ppm		
SRA-3	11	PID	0	ppm		
SRA-3	12	PID	0	ppm		
SRA-4	1	PID	0	ppm		
SRA-4	2	PID	0	ppm	SRA-4-1	BTEX, PNAS
SRA-4	3	PID	0	ppm		
SRA-4	4	PID	0	ppm		
SRA-4	5	PID	0	ppm		
SRA-4	6	PID	0	ppm		
SRA-4	7	PID	0	ppm	SRA-4-2	BTEX, PNAS
SRA-4	8	PID	0	ppm		
SRA-4	9	PID	0	ppm		
SRA-4	10	PID	0	ppm		
SRA-4	11	PID	0	ppm		
SRA-4	12	PID	0	ppm		
SRA-5	1	PID	0	ppm		
SRA-5	2	PID	0	ppm	SRA-5-1	BTEX, PNAS
SRA-5	3	PID	0	ppm		
SRA-5	4	PID	0	ppm		
SRA-5	5	PID	0	ppm		
SRA-5	6	PID	0	ppm		
SRA-5	7	PID	0	ppm	SRA-5-2	BTEX, PNAS
SRA-5	8	PID	0	ppm		
SRA-5	9	PID	0	ppm		
SRA-5	10	PID	0	ppm		
SRA-5	11	PID	0	ppm		
SRA-5	12	PID	0	ppm		
UST AREA						
UST-1	1	PID	0	ppm		
UST-1	2	PID	0	ppm	UST-1-1	BTEX, lead
UST-1	3	PID	0	ppm		
UST-1	4	PID	0	ppm		
UST-1	5	PID	0	ppm		
UST-1	6	PID	0	ppm		
UST-1	7	PID	0	ppm		
UST-1	8	PID	0	ppm	UST-1-2	BTEX, lead
UST-1	9	PID	0	ppm		
UST-1	10	PID	0	ppm		
UST-1	11	PID	0	ppm		
UST-1	12	PID	0	ppm		

Indicates highest PID reading within boring

Table 1 - Field Measurements

UST-1	13	PID	0	ppm		
UST-1	14	PID	0	ppm		
UST-1	15	PID	0	ppm		
UST-1	16	PID	0	ppm		
UST-2	1	PID	0	ppm		
UST-2	2	PID	0	ppm	UST-2-1	BTEX, lead
UST-2	3	PID	0	ppm		
UST-2	4	PID	0	ppm		
UST-2	5	PID	0	ppm	UST-2-2	BTEX, lead
UST-2	6	PID	0	ppm		
UST-2	7	PID	0	ppm		
UST-2	8	PID	0	ppm		
UST-2	9	PID	0	ppm		
UST-2	10	PID	0	ppm		
UST-2	11	PID	0	ppm		
UST-2	12	PID	0	ppm		
UST-2	13	PID	0	ppm		
UST-2	14	PID	0	ppm		
UST-2	15	PID	0	ppm		
UST-2	16	PID	0	ppm		
UST-3	1	PID	0	ppm		
UST-3	2	PID	0	ppm	UST-3-1	BTEX, lead
UST-3	3	PID	0	ppm		
UST-3	4	PID	0	ppm		
UST-3	5	PID	0	ppm		
UST-3	6	PID	0	ppm	UST-3-2	BTEX, lead
UST-3	7	PID	0	ppm		
UST-3	8	PID	0	ppm		
UST-3	9	PID	0	ppm		
UST-3	10	PID	0	ppm		
UST-3	11	PID	0	ppm		
UST-3	12	PID	0	ppm		
UST-3	13	PID	0	ppm		
UST-3	14	PID	0	ppm		
UST-3	15	PID	0	ppm		
UST-3	16	PID	0	ppm		
UST-4	1	PID	0	ppm	UST-4-1	BTEX, lead
UST-4	2	PID	0	ppm		
UST-4	3	PID	0	ppm		
UST-4	4	PID	0	ppm		
UST-4	5	PID	0	ppm		
UST-4	6	PID	0	ppm		
UST-4	7	PID	0	ppm	UST-4-2	BTEX, lead
UST-4	8	PID	0	ppm		
UST-4	9	PID	0	ppm		
UST-4	10	PID	0	ppm		
UST-4	11	PID	0	ppm		
UST-4	12	PID	0	ppm		
UST-4	13	PID	0	ppm		
UST-4	14	PID	0	ppm		
UST-4	15	PID	0	ppm		
UST-4	16	PID	0	ppm		
UST-5	1	PID	0	ppm		
UST-5	2	PID	0	ppm		
UST-5	3	PID	0	ppm		
UST-5	4	PID	0	ppm		
UST-5	5	PID	0	ppm	UST-5-1	BTEX, lead
UST-5	6	PID	0	ppm		
UST-5	7	PID	0	ppm		
UST-5	8	PID	0	ppm	UST-5-2	BTEX, lead
UST-5	9	PID	0	ppm		
UST-5	10	PID	0	ppm		
UST-5	11	PID	0	ppm		
UST-5	12	PID	0	ppm		
UST-5	13	PID	0	ppm		
UST-5	14	PID	0	ppm		
UST-5	15	PID	0	ppm		
UST-5	16	PID	0	ppm		
UST-6	1	PID	0	ppm		
UST-6	2	PID	0	ppm		
UST-6	3	PID	0	ppm		
UST-6	4	PID	0	ppm		
UST-6	5	PID	0	ppm		
UST-6	6	PID	0	ppm		
UST-6	7	PID	0	ppm	UST-6-1	BTEX, lead

Indicates highest PID reading within boring

Table 1 - Field Measurements

UST-6	8	PID	0	ppm		
UST-6	9	PID	0	ppm		
UST-6	10	PID	0	ppm	UST-6-2	BTEX, lead
UST-6	11	PID	0	ppm		
UST-6	12	PID	0	ppm		
UST-6	13	PID	0	ppm		
UST-6	14	PID	0	ppm		
UST-6	15	PID	0	ppm		
UST-6	16	PID	0	ppm		
WS AREA						
WS-1	1	PID	0	ppm	WS-1-1	BTEX, PNAS
WS-1	2	PID	0	ppm		
WS-1	4	PID	0	ppm		
WS-1	6	PID	0	ppm		
WS-1	8	PID	0	ppm		
WS-1	10	PID	0	ppm	WS-1-2	BTEX, PNAS
WS-1	12	PID	0	ppm		
WS-1	14	PID	0	ppm		
WS-1	16	PID	0	ppm		
WS-1	18	PID	0	ppm		
WS-1	20	PID	0	ppm		
WS-1	22	PID	0	ppm		
WS-1	24	PID	0	ppm		
WS-2	1	PID	0	ppm		
WS-2	2	PID	0	ppm	WS-2-1	HOLD - BTEX, PNAS
WS-2	3	PID	0	ppm		
WS-2	4	PID	0	ppm		
WS-2	6	PID	160	ppm	WS-2-2	HOLD - BTEX, PNAS
WS-2	7	PID	73.6	ppm		
WS-2	9	PID	803	ppm		
WS-2	11	PID	1200	ppm	WS-2-3	BTEX, PNAS
WS-2	13	PID	479	ppm		
WS-2	14.5	PID	240	ppm		
WS-2	15.5	PID	379	ppm	WS-2-4	HOLD - BTEX, PNAS
WS-2	17	PID	130	ppm		
WS-2	18	PID	37	ppm		
WS-2	19.5	PID	55	ppm	WS-2-5	HOLD - BTEX, PNAS
WS-2	20.5	PID	1.5	ppm		
WS-2	21	PID	1.5	ppm	WS-2-6	HOLD - BTEX, PNAS
WS-3	1	PID	1.2	ppm	WS-3-1	HOLD - BTEX, PNAS
WS-3	4	PID	2.5	ppm		
WS-3	5	PID	2.8	ppm		
WS-3	6	PID	0	ppm		
WS-3	7	PID	0.2	ppm		
WS-3	9	PID	1083	ppm	WS-3-2	BTEX, PNAS
WS-3	11	PID	98	ppm		
WS-3	12	PID	933	ppm		
WS-3	13	PID	98	ppm		
WS-3	14.5	PID	15	ppm		
WS-3	15	PID	32	ppm	WS-3-3	HOLD - BTEX, PNAS
WS-3	18.5	PID	26.5	ppm		
WS-3	22	PID	0	ppm	WS-3-4	HOLD - BTEX, PNAS
WS-3	23.5	PID	10.5	ppm	WS-3-5	HOLD - BTEX, PNAS
WS-4	1	PID	0	ppm		
WS-4	2	PID	0	ppm		
WS-4	4	PID	0	ppm		
WS-4	5	PID	0	ppm		
WS-4	6	PID	0	ppm	WS-4-1	HOLD - BTEX, PNAS
WS-4	8	PID	0	ppm		
WS-4	10	PID	65.2	ppm	WS-4-2	HOLD - BTEX, PNAS
WS-4	11.5	PID	2.8	ppm		
WS-4	13	PID	55	ppm		
WS-4	14	PID	24	ppm		
WS-4	15	PID	433	ppm	WS-4-3	BTEX, PNAS
WS-4	17.5	PID	8.5	ppm		
WS-4	18	PID	0	ppm		
WS-4	19.5	PID	0	ppm	WS-4-4	HOLD - BTEX, PNAS
WS-4	22	PID	0.5	ppm		
WS-4	23	PID	0	ppm		
WS-5	1	PID	0	ppm		
WS-5	2	PID	0	ppm	WS-5-1	HOLD - BTEX, PNAS
WS-5	4	PID	0	ppm		
WS-5	5	PID	0	ppm		
WS-5	6	PID	0	ppm		
WS-5	8	PID	0	ppm	WS-5-2	HOLD - BTEX, PNAS

Indicates highest PID reading within boring

Table 1 - Field Measurements

WS-5	10.5	PID	1470	ppm	WS-5-3	BTEX, PNAS
WS-5	13	PID	0	ppm	WS-5-4	BTEX, PNAS
WS-5	15	PID	0.4	ppm		
WS-5	18	PID	4.2	ppm		
WS-5	19	PID	5	ppm		
WS-5	21	PID	0	ppm		
WS-6	2.5	PID	23.6	ppm	WS-6-1	HOLD - BTEX, PNAS
WS-6	4	PID	0	ppm		
WS-6	5	PID	0	ppm		
WS-6	6	PID	0	ppm		
WS-6	8	PID	0	ppm		
WS-6	10	PID	0	ppm		
WS-6	11.5	PID	36.4	ppm		
WS-6	13	PID	273	ppm	WS-6-2	BTEX, PNAS
WS-6	14	PID	0	ppm		
WS-6	16	PID	0	ppm	WS-6-3	HOLD - BTEX, PNAS
WS-6	17	PID	0	ppm		
WS-6	18	PID	0	ppm		
WS-6	19	PID	0	ppm		
WS-7	2	PID	0	ppm		
WS-7	4	PID	0	ppm	WS-7-1	HOLD - BTEX, PNAS
WS-7	6	PID	0	ppm		
WS-7	8	PID	0	ppm	WS-7-2	HOLD - BTEX, PNAS
WS-7	10	PID	0	ppm		
WS-7	12	PID	0	ppm		
WS-7	14.5	PID	23	ppm	WS-7-3	BTEX, PNAS
WS-7	18	PID	41.2	ppm	WS-7-4	BTEX, PNAS
WS-8	1	PID	0	ppm		
WS-8	2	PID	0	ppm		
WS-8	4	PID	0	ppm	WS-8-1	BTEX, PNAS
WS-8	5	PID	0	ppm		
WS-8	6	PID	0	ppm		
WS-8	7	PID	8.3	ppm		
WS-8	9	PID	658	ppm		
WS-8	10.5	PID	1651	ppm	WS-8-2	BTEX, PNAS
WS-8	13	PID	0.4	ppm		
WS-8	14	PID	0	ppm		
WS-8	15.5	PID	0.5	ppm		
WS-8	18	PID	13.4	ppm		
WS-8	19	PID	9.8	ppm	WS-8-3/MS-MSD	BTEX, PNAS
WS-9	1	PID	0	ppm		
WS-9	2	PID	0	ppm	WS-9-1	BTEX, PNAS
WS-9	4	PID	0	ppm		
WS-9	6	PID	0	ppm		
WS-9	8	PID	0	ppm		
WS-9	11	PID	849	ppm		
WS-9	13.5	PID	1179	ppm	WS-9-2	BTEX, PNAS
WS-9	14.5	PID	124	ppm		
WS-9	15.5	PID	68	ppm		
WS-10	1	PID	7.5	ppm		
WS-10	2	PID	2.3	ppm		
WS-10	3.5	PID	0	ppm		
WS-10	7	PID	43.6	ppm		
WS-10	7.5	PID	8.7	ppm		
WS-10	9	PID	8.9	ppm		
WS-10	10	PID	1605	ppm		
WS-10	12.5	PID	1892	ppm	WS-10-1	BTEX, PNAS
WS-11	1	PID	81.7	ppm	WS-11-1	BTEX, PNAS
WS-11	2.5	PID	15.3	ppm		
WS-11	3.5	PID	33.5	ppm		
WS-11	4.5	PID	12	ppm		
WS-11	7.5	PID	6.6	ppm		
WS-11	8.5	PID	17.6	ppm		
WS-11	9.5	PID	0	ppm		
WS-11	10	PID	0	ppm		
WS-11	11.5	PID	8.6	ppm		
WS-11	12.5	PID	4.9	ppm		
WS-11	13	PID	13	ppm		
WS-11	14.5	PID	62.8	ppm		
WS-11	15.5	PID	15.5	ppm		
WS-11	16.5	PID	15.4	ppm		
WS-11	17	PID	1728	ppm	WS-11-2	BTEX, PNAS
WS-11	17.5	PID	1410	ppm		

Indicates highest PID reading within boring

Illinois Railway Easements
Phase II ESA

Table 2 - UST AREA

	Industrial/Commercial Soil		Construction Worker Soil		Soil Component of Groundwater Ingestion		UST-1-1	UST-1-2	UST-2-1	UST-2-2	UST-3-1	UST-3-2	UST-4-1	UST-4-2	UST-5-1	UST-5-2	UST-6-1	UST-6-2
Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	2-3' bgs	8-9' bgs	2-3' bgs	5-6' bgs	2-3' bgs	6-7' bgs	1-2' bgs	7-8' bgs	5-6' bgs	8-9' bgs	7-8' bgs	10-11'bgs
BTEX – Method 8260B																		
Benzene	100	1.6	2,300	2.2	0.03	0.17	< 0.0055	< 0.0042	< 0.0045	< 0.0048	< 0.0048	< 0.0044	< 0.0045	< 0.0047	< 0.0045	< 0.0042	< 0.006	< 0.0045
Toluene	410,000	650	410,000	42	12	29	< 0.0055	< 0.0042	0.0056	0.0063	0.0068	< 0.0044	< 0.0045	0.0067	< 0.0045	0.0047	< 0.006	0.0049
Ethylbenzen	200,000	400	20,000	58	13	19	< 0.0055	< 0.0042	< 0.0045	< 0.0048	< 0.0048	< 0.0044	< 0.0045	< 0.0047	< 0.0045	< 0.0042	< 0.006	< 0.0045
Xylenes, Tot	410,000	320	41,000	5.6	150	150	< 0.016	< 0.013	< 0.014	< 0.014	< 0.014	< 0.013	< 0.014	< 0.014	< 0.013	< 0.013	< 0.018	< 0.014
Metals - Method 6020/7470A																		
Lead	800	---	700	---			16	11	6.6	2.3	6	13	30	10	8	13	12	6

Notes:
bgs=below ground surface
All results in mg/kg or parts per millions (ppm)
Blank cell = no analysis
Sample result exceeded at least one remedial objective
Remedial Clean-up Objectives Source: Illinois Environmental Protection Agency's TACO: 35 ILL. ADM. CODE PART 742

Illinois Railway Easements
Phase II ESA

Table 3 - WS AREA

	Industrial/Commercial Route Specific Values for Soil		Construction Worker Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values		WS-1-1	WS-1-2	WS-2-3	WS-3-2	WS-4-3	WS-5-2	WS-5-3	WS-5-4	WS-6-2	WS-7-3	WS-7-4	WS-8-1	WS-8-2	WS-8-3	WS-9-1	WS-9-2	WS-10-1	WS-11-1	WS-11-2
Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	1-2' bgs	8-9' bgs	11-12' bgs	9-10' bgs	15-16' bgs	9-10' bgs	10.5-11' bgs	13-14' bgs	13-14' bgs	14.5-15' bgs	18-18.5' bgs	3.5-4' bgs	10.5-11' bgs	19-20' bgs	2.5-3' bgs	13.5-14' bgs	12.5-13' bgs	1-2' bgs	17-18' bgs
BTEX – Method 8260B																									
Benzene	100	1.6	2,300	2.2	0.03	0.17	< 0.0046	< 0.0059	< 0.58	< 0.0043	< 0.0065		< 0.25	< 0.0046	< 0.29	< 0.0046	< 0.24	< 0.005	< 0.27	< 0.28	< 0.0042	< 0.22	< 0.25	< 0.0048	0.23
Toluene	410,000	650	410,000	42	12	29	< 0.0046	< 0.0059	0.25	0.0051	0.015		< 0.25	< 0.0046	< 0.29	0.0053	< 0.24	< 0.005	< 0.27	0.34	< 0.0042	< 0.22	< 0.25	< 0.0048	1.6
Ethylbenzene	200,000	400	20,000	58	13	19	< 0.0046	< 0.0059	75	< 0.0043	0.37		< 0.25	< 0.0046	< 0.29	< 0.0046	< 0.24	< 0.005	< 0.27	0.85	< 0.0042	2.6	6.2	0.026	98
Xylenes, Total	410,000	320	41,000	5.6	150	150	< 0.014	< 0.018	330	< 0.013	0.66		< 0.74	< 0.014	< 0.87	< 0.014	< 0.71	< 0.015	< 0.8	21	< 0.013	2.3	15	0.059	380
Semivolatile Organic Compounds (SVOCs) – Method 8270																									
Acenaphthene	120,000	—	120,000	—	570	2,900	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	< 0.037	0.35	< 0.034	< 0.034	0.044
Acenaphthylene							< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	< 0.037	0.062	< 0.034	< 0.034	< 0.036
Anthracene	610,000	—	610,000	—	12,000	59,000	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.037	0.083	0.073	< 0.034	0.037
Benz(a)anthracene	8	—	170	—	2	8	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.067	< 0.037	< 0.034	< 0.034	< 0.036
Benzo(a)pyrene	0.8	—	17	—	8	82	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.069	< 0.037	< 0.034	< 0.034	< 0.036
Benzo(b)fluoranthene	8	—	170	—	5	25	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.076	< 0.037	< 0.034	< 0.034	< 0.036
Benzo(g,h,i)perylene							< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.064	< 0.037	< 0.034	< 0.034	< 0.036
Benzo(k)fluoranthene	78	—	1,700	—	49	250	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.074	< 0.037	< 0.034	< 0.034	< 0.036
Chrysene	780	—	17,000	—	160	800	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.092	< 0.037	< 0.034	< 0.034	< 0.036
Dibenz(a,h)anthracene	0.8	—	17	—	2	7.6	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	< 0.037	< 0.037	< 0.034	< 0.034	< 0.036
Fluoranthene	82,000	—	82,000	—	4,300	21,000	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.15	0.069	< 0.034	< 0.034	< 0.036
Fluorene	82,000	—	82,000	—	560	2,800	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	< 0.037	0.35	0.42	< 0.034	0.084
Indeno(1,2,3-cd)pyrene	8	—	170	—	14	69	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.051	< 0.037	< 0.034	< 0.034	< 0.036
Naphthalene	41,000	270	4,100	1.8	12	18	< 0.035	< 0.04	1.4	< 0.035	0.6		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	0.48	0.73	0.059	1.2	11	< 0.034	1.7
Phenanthrene							0.037	< 0.04	0.049	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.17	0.36	0.84	< 0.034	0.17
Pyrene	61,000	—	61,000	—	4,200	21,000	< 0.035	< 0.04	< 0.039	< 0.035	< 0.043		< 0.035	< 0.038	< 0.041	< 0.038	< 0.035	< 0.036	< 0.041	< 0.041	0.12	0.1	0.051	< 0.034	0.046
Total Petroleum Hydrocarbons (TPH) – Method 8270																									
GRO									450	ND		ND											3600		
DRO									270	ND		ND											2500		
ERO									ND	ND		ND											22		

Notes:
bgs=below ground surface
All results in mg/kg
Blank cell = no analysis
Table shows all detected compounds
Shaded cell with white text indicates detection limit exceed lowest remedial objective
Sample result exceeded at least one remedial objective
Remedial Clean-up Objectives Source: Illinois Environmental Protection Agency's TACO: 35 ILL. ADM. CODE PART 742

GRO=Gasoline Range Organics
DRO=Diesel Range Organics
ERO=Extended Range Organics

Illinois Railway Easements
Phase II ESA

Table 4 - SRA AREA

	Industrial/Commercial Soil		Construction Worker Soil		Soil Component of Groundwater Ingestion		SRA-1-1	SRA-1-2	SRA-2-1	SRA-2-2	SRA-3-1	SRA-3-2	SRA-4-1	SRA-4-2	SRA-5-1	SRA-5-2
Analyte	Ingestion	Inhalation	Ingestion	Inhalation	Class I	Class II	1.5-2' bgs	6.5-7' bgs.	2.5-3' bgs	5-4.5' bgs	2.5-3' bgs	7-7.5' bgs	2-3' bgs	7-8' bgs	2.5-3' bgs	7-7.5' bgs
BTEX – Method 8260B																
Benzene	100	1.6	2,300	2.2	0.03	0.17	< 0.007	< 0.0046	< 0.0052	< 0.0049	< 0.0048	< 0.0047	< 0.0043	< 0.0044	< 0.0052	< 0.0045
Toluene	410,000	650	410,000	42	12	29	< 0.007	< 0.0046	< 0.0052	< 0.0049	< 0.0048	< 0.0047	< 0.0043	< 0.0044	< 0.0052	< 0.0045
Ethylbenzene	200,000	400	20,000	58	13	19	< 0.007	< 0.0046	< 0.0052	< 0.0049	< 0.0048	< 0.0047	< 0.0043	< 0.0044	< 0.0052	< 0.0045
Xylenes, Total	410,000	320	41,000	5.6	150	150	< 0.021	< 0.014	< 0.016	< 0.015	< 0.014	< 0.014	< 0.013	< 0.013	< 0.016	< 0.014
Semivolatile Organic Compounds (SVOCs) – Method 8270																
Acenaphthene	120,000	---	120,000	---	570	2,900	< 0.04	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Acenaphthylene							< 0.04	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Anthracene	610,000	---	610,000	---	12,000	59,000	< 0.04	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Benz(a)anthracene	8	---	170	---	2	8	0.059	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Benzo(a)pyrene	0.8	---	17	---	8	82	0.043	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Benzo(b)fluoranthene	8	---	170	---	5	25	< 0.04	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Benzo(g,h,i)perylene							< 0.04	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Benzo(k)fluoranthene	78	---	1,700	---	49	250	< 0.04	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Chrysene	780	---	17,000	---	160	800	0.099	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Dibenz(a,h)anthracene	0.8	---	17	---	2	7.6	< 0.04	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Fluoranthene	82,000	---	82,000	---	4,300	21,000	0.13	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	0.042	< 0.035
Fluorene	82,000	---	82,000	---	560	2,800	< 0.04	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Indeno(1,2,3-cd)pyrene	8	---	170	---	14	69	< 0.04	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Naphthalene	41,000	270	4,100	1.8	12	18	< 0.04	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	< 0.036	< 0.035
Phenanthrene							0.47	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	0.053	< 0.035
Pyrene	61,000	---	61,000	---	4,200	21,000	0.066	< 0.038	< 0.04	< 0.038	< 0.04	< 0.037	< 0.037	< 0.036	0.037	< 0.035

Notes:
bgs=below ground surface
All results in mg/kg
Sample result exceeded at least one remedial objective
Remedial Clean-up Objectives Source: Illinois Environmental Protection Agency's TACO: 35 ILL. ADM. CODE PART 742

APPENDIX A

SUBSURFACE INVESTIGATION SOIL BORING LOGS

BORING NUMBER SRA-1

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0	MC 1		PID = 0 PID = 0 PID = 0		FILL: Silica sand to 1' Brown silty gravel/asphalt fill	
4.0	MC 2		PID = 0 PID = 0 PID = 0 PID = 0		CLAY: Tan silty, sandy clay, trace gravel, soft, moist	
8.0	MC 3		PID = 0 PID = 0 PID = 0 PID = 0		SAND: Tan silty sand with trace fine to coarse gravel, dry to moist	
12.0					Bottom of borehole at 12.0 feet.	

BORING NUMBER SRA-2

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0	MC 1		PID = 0 PID = 0 PID = 0		FILL: Silica sand to 1' Brown silty gravel/asphalt fill	
2.5				4.0		
5.0	MC 2		PID = 0 PID = 0 PID = 0		CLAY: Tan sandy, silty clay, trace gravel, soft, moist	
7.5				8.0		
10.0	MC 3		PID = 0 PID = 0 PID = 0		SAND: Tan silty sand with trace fine to coarse gravel, dry to moist	
				12.0		

Bottom of borehole at 12.0 feet.

BORING NUMBER SRA-3

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0	MC 1		PID = 0 PID = 0 PID = 0	4.0	FILL: Silica sand to 1' Brown silty gravel/asphalt fill	
2.5	MC 2		PID = 0 PID = 0 PID = 0 PID = 0	8.0	CLAY: Tan sandy, silty clay, trace gravel, soft, moist	
5.0	MC 3		PID = 0 PID = 0 PID = 0 PID = 0	12.0	SAND: Tan silty sand with trace fine to coarse gravel, dry to moist	
7.5						
10.0						

Bottom of borehole at 12.0 feet.

BORING NUMBER SRA-4

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						
	MC 1		PID = 0 PID = 0 PID = 0		FILL: Silica sand to 1' Brown silty gravel/asphalt fill	
2.5						
				4.0		
	MC 2		PID = 0 PID = 0 PID = 0 PID = 0		CLAY: Tan sandy, silty clay, trace gravel, soft, moist	
5.0						
7.5				8.0		
	MC 3		PID = 0 PID = 0 PID = 0 PID = 0		SAND: Tan silty sand with trace fine to coarse gravel, dry to moist	
10.0						
				12.0		

Bottom of borehole at 12.0 feet.

BORING NUMBER SRA-5

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						
	MC 1		PID = 0 PID = 0 PID = 0		FILL: Silica sand to 1' Brown silty gravel/asphalt fill	
2.5						
				4.0		
	MC 2		PID = 0 PID = 0 PID = 0 PID = 0		CLAY: Tan sandy, silty clay, trace gravel, soft, moist	
5.0						
7.5				8.0		
	MC 3		PID = 0 PID = 0 PID = 0 PID = 0		SAND: Tan silty sand with trace fine to coarse gravel, dry to moist	
10.0						
				12.0		

Bottom of borehole at 12.0 feet.

BORING NUMBER UST-1

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/23/12 **COMPLETED** 8/23/12
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						
	MC 1		PID = 0 PID = 0 PID = 0		CLAY: Tan silty clay, trace sand and gravel, moist	
2.5						
4.0						
5.0	MC 2		PID = 0 PID = 0		SAND: Tan gravelly sand, silty, loose, dry	
6.0						
7.5			PID = 0 PID = 0		SAND: Tan silty sand, trace fine gravel, loose, moist	
8.0						
10.0	MC 3		PID = 0 PID = 0 PID = 0 PID = 0		CLAY: Tan to gray silty clay, trace sand and gravel, stiff, moist	
12.0						
12.5	MC 4		PID = 0 PID = 0 PID = 0		CLAY: Same clay as above	
15.0			PID = 0 PID = 0			
16.0						

Bottom of borehole at 16.0 feet.

BORING NUMBER UST-2

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/23/12 **COMPLETED** 8/23/12
GROUND ELEVATION _____ **HOLE SIZE** 2
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING — Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING —
NOTES
AFTER DRILLING —

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0	MC 1		PID = 0 PID = 0 PID = 0		SAND: Tan silty sand, gravelly, loose, dry	
2.5						
4.0						
5.0	MC 2		PID = 0 PID = 0 PID = 0 PID = 0		SAND: Tan silty sand, gravelly, wet at 7.0'	
7.0						
7.5					CLAY: Brown silty clay, trace fine gravel, soft, moist	
8.0						
9.0	MC 3		PID = 0 PID = 0 PID = 0 PID = 0		CLAY: Same clay as above SAND: Tan silty sand, gravelly, wet	
10.0						
12.0						
12.5	MC 4		PID = 0 PID = 0 PID = 0 PID = 0 PID = 0		CLAY: Gray silty clay, trace fine sand and gravel, stiff, moist to wet	
15.0						
16.0						

Bottom of borehole at 16.0 feet.

BORING NUMBER UST-3

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/23/12 **COMPLETED** 8/23/12
GROUND ELEVATION ___ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0	MC 1		PID = 0 PID = 0 PID = 0	4.0	SAND: Tan gravelly sand, silty, dry	
2.5	MC 2		PID = 0 PID = 0 PID = 0	6.0	SAND: Tan silty sand, gravelly	
5.0	MC 3		PID = 0 PID = 0 PID = 0	8.0	CLAY: Brown silty clay, trace fine gravel, soft, moist	
7.5	MC 4		PID = 0 PID = 0 PID = 0	10.0	CLAY: Tan silty clay, trace fine gravel, soft, moist	
10.0			PID = 0 PID = 0	12.0	SAND: Tan silty sand, trace gravel, wet	
12.5			PID = 0 PID = 0 PID = 0	16.0	CLAY: Tan silty clay, trace fine gravel, soft, moist	
15.0			PID = 0 PID = 0			

Bottom of borehole at 16.0 feet.

BORING NUMBER UST-4

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/23/12 **COMPLETED** 8/23/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING -- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING --
NOTES
AFTER DRILLING --

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						
	MC 1		PID = 0 PID = 0 PID = 0 PID = 0		CLAY: Brown silty clay, trace fine gravel, soft, dry	
2.5						
4.0						
5.0	MC 2		PID = 0 PID = 0 PID = 0 PID = 0		SAND: Tan silty sand, fine grained, trace fine to medium gravel, dry	
7.5						
8.0						
10.0	MC 3		PID = 0 PID = 0 PID = 0 PID = 0		SAND: Sand as above CLAY: Brown silty clay, trace fine sand and gravel, soft, moist to wet	
10.0						
12.0						
12.5	MC 4		PID = 0 PID = 0 PID = 0 PID = 0 PID = 0		CLAY: Same as above SAND: Tan silty sand, fine grained, trace fine to to medium gravel, dry	
14.0						
15.0						
16.0						

Bottom of borehole at 16.0 feet.

BORING NUMBER UST-5

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/23/12 **COMPLETED** 8/23/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0					FILL: Dark brown organic topsoil.	
					0.5 FILL: Brown silty clay; trace fine gravel and organics; moist.	
	MC 1		PID = 0			
2.5			PID = 0			
			PID = 0			
					4.0	
			PID = 0		FILL: Black silty clay and some slag; trace fine gravel; moist.	
5.0			PID = 0			
	MC 2				6.0	
			PID = 0		CLAY: Brown and gray mottled silty clay; trace fine gravel; moist.	
7.5			PID = 0			
			PID = 0			
	MC 3		PID = 0			
10.0			PID = 0			
			PID = 0			
			PID = 0			
12.5					13.0	
			PID = 0		CLAY: Gray silty clay; trace fine gravel; moist.	
	MC 4		PID = 0			
15.0			PID = 0			
			PID = 0		16.0	

Bottom of borehole at 16.0 feet.

BORING NUMBER UST-6

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/23/12 **COMPLETED** 8/23/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING — Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING —
NOTES
AFTER DRILLING —

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0	MC 1		PID = 0 PID = 0 PID = 0		FILL: Silica sand at surface. Tan silty sandy gravel below silica sand.	
4.0						
5	MC 2		PID = 0 PID = 0 PID = 0 PID = 0		CLAY: Brown clay, trace sand and gravel, moist, soft	
8.0						
10	MC 3		PID = 0 PID = 0 PID = 0 PID = 0		CLAY: Same clay as above	
12.0						
15	MC 4		PID = 0 PID = 0 PID = 0 PID = 0 PID = 0		CLAY: Same clay as above, gray in color	
16.0						
	MC 5				CLAY: Same clay as above, Sandstone and gravel fragments bottom 2".	
18.5						

Bottom of borehole at 18.5 feet.

BORING NUMBER WS-1

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/23/12 **COMPLETED** 8/23/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING — Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING —
NOTES
AFTER DRILLING —

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0					0.5 FILL: Dark brown organic topsoil.	
	MC 1		PID = 0 PID = 0		FILL: Dark brown silty clay; trace organics, slag, brick fragments, and fine gravel; dry.	1" PVC capped casing from 0 to 8'
5	MC 2		PID = 0 PID = 0			
10	MC 3		PID = 0 PID = 0		11.0 CLAY: Gray silty clay; trace fine sand and gravel; moist to dry.	
15	MC 4		PID = 0 PID = 0			1" PVC slotted screen from 8' to 18'
	MC 5		PID = 0 PID = 0		18.5	

Refusal at 18.5 feet.
Bottom of borehole at 18.5 feet.

BORING NUMBER WS-2

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/23/12 **COMPLETED** 8/23/02
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING -- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING --
NOTES
AFTER DRILLING --

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0	MC 1		PID = 0 PID = 0 PID = 0	4.0	FILL: Dark brown topsoil fill, sand and gravel, cinders, moist	
5	MC 2		PID = 0 PID = 160 PID = 73.6	6.0 8.0	CLAY: Gray silty clay, trace sand and gravel, black staining at 6'. SAND: fine grained tan sand. trace gravel	
10	MC 3		PID = 803 PID = 1200	9.0 12.0	SAND: Same sand as above, black staining, trace gravel ,wet CLAY: Gray silty clay, trace sand and gravel, staining at 11', sand and gravel stringers	
15	MC 4		PID = 479 PID = 240 PID = 379	15.0 16.0	CLAY: Brown silty clay, trace sand and gravel, soft, moist. SAND: Gray, brown silty sand, fine to coarse grained, trace gravel, wet at 17'	
20	MC 5		PID = 130 PID = 37 PID = 55	20.0	SAND: Same sand as above	
	MC 6		PID = 1.5	21.0	CLAY: Brown silty clay, soft, wet at 21 feet. Refusal at 21 feet.	

Refusal at 21.0 feet.
Bottom of borehole at 21.0 feet.

BORING NUMBER WS-3

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/23/12 **COMPLETED** 8/23/12
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0	MC 1		PID = 1.2		FILL: Brown topsoil, silty, sandy, gravelly	
					4.0	
5	MC 2		PID = 2.5 PID = 2.8 PID = 0 PID = 0.2		CLAY: Tan silty clay, trace sand and gravel, soft, moist	
					9.0	
10	MC 3		PID = 1083 PID = 98		SAND: Tan silty sand, fine to coarse grained, trace fine gravel, wet. Black staining 10-12 feet.	
					12.0	
15	MC 4		PID = 933 PID = 98 PID = 15 PID = 32		CLAY: Gray silty clay, trace sand and gravel stringers, moist to wet	
					17.0	
20	MC 5		PID = 26.5		SAND: Tan sand, fine to coarse grained, gravelly, wet	
					20.0	
	MC 6		PID = 0 PID = 10.5		CLAY: Gray clay, trace sand and gravel, hard, moist.	
					24.0	

Bottom of borehole at 24.0 feet.

BORING NUMBER WS-4

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/23/12 **COMPLETED** 8/23/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING — Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING —
NOTES
AFTER DRILLING —

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0	MC 1		PID = 0 PID = 0	4.0	FILL: Silty gravel fill	
5	MC 2		PID = 0 PID = 0 PID = 0	8.0	CLAY, Tan silty clay, trace coarse to fine sand and gravel lenses, soft, moist	
10	MC 3		PID = 0 PID = 65.2 PID = 2.8	10.0	SAND: Tan fine to medium grained sand, trace gravel, moist. CLAY: Gray silty clay, tan mottling, trace sand and gravel, soft, moist, sand and gravel stringers throughout.	
15	MC 4		PID = 55 PID = 24 PID = 433			
20	MC 5		PID = 8.5 PID = 0 PID = 0	20.0		
	MC 6		PID = 0.5 PID = 0	22.0 24.0	SAND: Gray sand, fine to medium grained, gravelly, saturated at 21' CLAY: Gray silty clay, trace sand and gravel, stiff	

Bottom of borehole at 24.0 feet.

BORING NUMBER WS-5

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING -- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING --
NOTES
AFTER DRILLING —

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0	MC 1		PID = 0 PID = 0		FILL: Silica sand and brown topsoil with gravel 1.0 CLAY: Brown silty clay, trace fine grained sand and gravel, stiff, dry	
5	MC 2		PID = 0 PID = 0 PID = 0			
10	MC 3		PID = 0 PID = 1470		10.0 SAND: Tan fine grained silty sand, trace fine gravel, moist, slight petroleum odor. 12.0	
15	MC 4		PID = 0 PID = 0.4		CLAY: Tan, gray silty clay, trace sand and gravel, stiff, moist 16.0 CLAY: Gray clay as above 17.5	
20	MC 5 MC 6		PID = 4.2 PID = 5 PID = 0		SAND: Gray gravelly sand, top of bedrock at 21 feet. 20.5	

Refusal at 20.5 feet.
Bottom of borehole at 20.5 feet.

BORING NUMBER WS-6

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING --
NOTES
AFTER DRILLING --

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0	MC 1		PID = 23.6		FILL: Black gravelly asphalt fill, below silica sand	
					2.0 CLAY: Tan brown silty clay, trace sand and gravel, soft, moist	
5	MC 2		PID = 0 PID = 0 PID = 0			
10	MC 3		PID = 0 PID = 0		11.0	
			PID = 36.4		SAND: Tan silty sand, fine to medium grained, wet 12.0	
					CLAY: Gray silty clay, gravelly, moist, stiff 13.0	
15	MC 4		PID = 273 PID = 0		CLAY: Tan to gray silty clay, trace sand and gravel, soft, moist. refusal at 19.5 feet	
	MC 5		PID = 0 PID = 0 PID = 0 PID = 0		19.5	

Refusal at 19.5 feet.
Bottom of borehole at 19.5 feet.

BORING NUMBER WS-7

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING — Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING —
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0					FILL: Top soil fill	
	MC 1		PID = 0			
			PID = 0			
5	MC 2		PID = 0			
			PID = 0			
			PID = 0			
10	MC 3		PID = 0			
			PID = 0			
	MC 4		PID = 23			
15						
	MC 5		PID = 41.2			

1.0
CLAY: Tan silty clay, trace sand and gravel, soft to hard, moist, sand and gravel seams throughout.

9.0
SAND: Tan and gray silty sand, tracve fine grained gravel, wet

14.5
CLAY: Gray silty clay, trace sand and gravel, stiff, moist. Refusal at 18.5

18.5

Refusal at 18.5 feet.
Bottom of borehole at 18.5 feet.

BORING NUMBER WS-8

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING -- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING --
NOTES
AFTER DRILLING --

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						
	MC 1		PID = 0 PID = 0		FILL: Gravel fill	
					1.5 CLAY: Tan, silty clay, trace sand and gravel, stiff, moist to wet, sand and gravel stringers throughout.	
5	MC 2		PID = 0 PID = 0 PID = 0 PID = 8.3			
					8.0 CLAY: Gray silty clay, trace sand and gravel, moist to wet, sand seam at 8.5 feet and a gravel seam at 10.5	
10	MC 3		PID = 658 PID = 10.5			
					11.0 SAND: Gray, tan silty sand, fine grained, trace gravel	
	MC 4		PID = 0.4 PID = 0		13.0 CLAY: Gray silty sandy clay, trace gravel, moist, stiff	
15			PID = 0.5			
	MC 5		PID = 13.4 PID = 9.8		18.0	

Refusal at 18.0 feet.
Bottom of borehole at 18.0 feet.

BORING NUMBER WS-9

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						
	MC 1		PID = 0		FILL: Silica sand and gravel fill	
			PID = 0			
1.0						
2.5					CLAY: Dark brown silty clay, gravelly, stiff, moist	
4.0						
	MC 2		PID = 0		CLAY: Tan silty clay, trace fine sand and gravel, sand and gravel stringers throughout, stiff, moist	
5.0						
			PID = 0			
7.5						
	MC 3		PID = 0			
10.0						
			PID = 849		SAND: Gray silty sand, fine grained, trave fine gravel, wet, black staining at 11-12 and at 13.5	
11.0						
12.5						
	MC 4		PID = 1179			
			PID = 124			
15.0						
			PID = 68			
16.0						

Bottom of borehole at 16.0 feet.

ENVIRONMENTAL BH - GINT STD US.GDT - 9/5/12 09:42 - \\GSGFS02\PROJECTS - ENGINEERING\GINT LIBRARY\GINT\PROJECTS\CDM SMITH\WEDRON.GPJ

BORING NUMBER WS-10

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION _____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						
	MC 1		PID = 7.5		FILL: Gravelly silty sand with cinders	
2.5			PID = 2.3			
3.0						
			PID = 0		CLAY: Tan silty clay, trace sand and gravel, stiff, moist	
5.0	MC 2					
7.0						
7.5			PID = 43.6		SAND: Tan sand, trace gravel, dry to moist	
			PID = 8.7			
9.0						
			PID = 8.9		CLAY: Tan silty clay, trace sand and gravel, moist, stiff	
10.0	MC 3		PID = 1605			
11.0						
					SAND: Gray fine grained sand, gravelly, coarse to medium grained, dry	
12.0						
12.5					CLAY: Tan silty clay, trace sand and gravel, moist, stiff	
	MC 4		PID = 1892			
15.0						
16.0						

Bottom of borehole at 16.0 feet.

BORING NUMBER WS-11

CLIENT OmniTRAX/Illinois Railway
PROJECT NAME Wedron
PROJECT NUMBER 93562
PROJECT LOCATION Wedron, Illinois
DATE STARTED 8/24/12 **COMPLETED** 8/24/12
GROUND ELEVATION ____ **HOLE SIZE** 2"
DRILLING CONTRACTOR GSG Drilling
GROUND WATER LEVELS:
DRILLING METHOD GeoProbe Dual-Tube sampling system
AT TIME OF DRILLING --- Not Encountered
LOGGED BY Dave McCoy **CHECKED BY** Scott Letzel
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0	MC 1		PID = 81.7 PID = 15.3	3.0	FILL: Gravelly sand with cinders, dry	
5	MC 2		PID = 33.5 PID = 12	7.0	CLAY: Tan silty clay, trace sand and gravel, stiff, moist	
			PID = 6.6 PID = 17.6	9.0	SAND: Tan silty sand, trace gravel, dry to moist	
10	MC 3		PID = 0 PID = 0	11.0	CLAY: Tan silty clay, trace sand and gravel, stiff, moist	
			PID = 8.6 PID = 4.9	13.0	SAND: Tan silty sand, gravelly, coarse to medium, dry	
15	MC 4		PID = 13 PID = 62.8 PID = 15.5	16.0	CLAY: Tan gray mottled clay, trace sand and gravel, stiff, moist. Sand seam from 14.5-15	
	MC 5		PID = 15.4 PID = 1728 PID = 1410	20.0	SAND: Gray silty fine sand, gravelly, wet at 18 feet	
20					Bottom of borehole at 20.0 feet.	

APPENDIX B

LABORATORY ANALYTICAL RESULTS AND CHAIN OF CUSTODY FORM

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-

September 17, 2012

Camp, Dresser and McKee
125 S. Wacker Drive, Suite 600
Chicago, IL 60606
Telephone: (312) 346-5000
Fax: (312) 346-5228

RE: Omnitrax Wedron, Wedron, IL STAT Project No 12080876

Dear Chris Albrecht:

STAT Analysis received 60 samples for the referenced project on 8/27/2012 8:10:00 AM. The analytical results are presented in the following report.

This report is revised to reflect changes made after the initial report was issued.

All analyses were performed in accordance with the requirements of 35 IAC part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Kurt Clarkson

Kurt Clarkson
Senior Project Manager

STAT Analysis Corporation

Date: September 17, 2012

Client: Camp, Dresser and McKee
Project: Omnitrax Wedron, Wedron, IL
Lab Order: 12080876

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
12080876-001A	UST-1-1		8/23/2012 8:30:00 AM	8/27/2012
12080876-001B	UST-1-1		8/23/2012 8:30:00 AM	8/27/2012
12080876-002A	UST-1-2		8/23/2012 8:40:00 AM	8/27/2012
12080876-002B	UST-1-2		8/23/2012 8:40:00 AM	8/27/2012
12080876-003A	UST-2-1		8/23/2012 9:15:00 AM	8/27/2012
12080876-003B	UST-2-1		8/23/2012 9:15:00 AM	8/27/2012
12080876-004A	UST-2-2		8/23/2012 9:25:00 AM	8/27/2012
12080876-004B	UST-2-2		8/23/2012 9:25:00 AM	8/27/2012
12080876-005A	UST-3-1		8/23/2012 9:35:00 AM	8/27/2012
12080876-005B	UST-3-1		8/23/2012 9:35:00 AM	8/27/2012
12080876-006A	UST-3-2		8/23/2012 9:40:00 AM	8/27/2012
12080876-006B	UST-3-2		8/23/2012 9:40:00 AM	8/27/2012
12080876-007A	UST-4-1		8/23/2012 10:05:00 AM	8/27/2012
12080876-007B	UST-4-1		8/23/2012 10:05:00 AM	8/27/2012
12080876-008A	UST-4-2		8/23/2012 10:10:00 AM	8/27/2012
12080876-008B	UST-4-2		8/23/2012 10:10:00 AM	8/27/2012
12080876-009A	UST-5-1		8/23/2012 10:40:00 AM	8/27/2012
12080876-009B	UST-5-1		8/23/2012 10:40:00 AM	8/27/2012
12080876-010A	UST-5-2		8/23/2012 10:45:00 AM	8/27/2012
12080876-010B	UST-5-2		8/23/2012 10:45:00 AM	8/27/2012
12080876-011A	UST-6-1		8/23/2012 11:00:00 AM	8/27/2012
12080876-011B	UST-6-1		8/23/2012 11:00:00 AM	8/27/2012
12080876-012A	UST-6-2		8/23/2012 11:05:00 AM	8/27/2012
12080876-012B	UST-6-2		8/23/2012 11:05:00 AM	8/27/2012
12080876-013A	WS-1-1		8/23/2012 12:35:00 PM	8/27/2012
12080876-013B	WS-1-1		8/23/2012 12:35:00 PM	8/27/2012
12080876-014A	WS-1-2		8/23/2012 1:00:00 PM	8/27/2012
12080876-014B	WS-1-2		8/23/2012 1:00:00 PM	8/27/2012
12080876-015A	WS-2-1		8/23/2012 2:40:00 PM	8/27/2012
12080876-015B	WS-2-1		8/23/2012 2:40:00 PM	8/27/2012
12080876-016A	WS-2-2		8/23/2012 2:45:00 PM	8/27/2012
12080876-016B	WS-2-2		8/23/2012 2:45:00 PM	8/27/2012
12080876-017A	WS-2-3		8/23/2012 2:50:00 PM	8/27/2012
12080876-017B	WS-2-3		8/23/2012 2:50:00 PM	8/27/2012
12080876-018A	WS-2-4		8/23/2012 2:55:00 PM	8/27/2012
12080876-018B	WS-2-4		8/23/2012 2:55:00 PM	8/27/2012
12080876-019A	WS-2-5		8/23/2012 3:00:00 PM	8/27/2012
12080876-019B	WS-2-5		8/23/2012 3:00:00 PM	8/27/2012

Client:	Camp, Dresser and McKee
Project:	Omnitrax Wedron, Wedron, IL
Lab Order:	12080876

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
12080876-020A	WS-2-6		8/23/2012 3:05:00 PM	8/27/2012
12080876-020B	WS-2-6		8/23/2012 3:05:00 PM	8/27/2012
12080876-021A	WS-3-1		8/23/2012 3:35:00 PM	8/27/2012
12080876-021B	WS-3-1		8/23/2012 3:35:00 PM	8/27/2012
12080876-022A	WS-3-2		8/23/2012 3:40:00 PM	8/27/2012
12080876-022B	WS-3-2		8/23/2012 3:40:00 PM	8/27/2012
12080876-023A	WS-3-3		8/23/2012 3:45:00 PM	8/27/2012
12080876-023B	WS-3-3		8/23/2012 3:45:00 PM	8/27/2012
12080876-024A	WS-3-4		8/23/2012 3:50:00 PM	8/27/2012
12080876-024B	WS-3-4		8/23/2012 3:50:00 PM	8/27/2012
12080876-025A	WS-3-5		8/23/2012 3:55:00 PM	8/27/2012
12080876-025B	WS-3-5		8/23/2012 3:55:00 PM	8/27/2012
12080876-026A	WS-4-1		8/23/2012 4:00:00 PM	8/27/2012
12080876-026B	WS-4-1		8/23/2012 4:00:00 PM	8/27/2012
12080876-027A	WS-4-2		8/23/2012 4:05:00 PM	8/27/2012
12080876-027B	WS-4-2		8/23/2012 4:05:00 PM	8/27/2012
12080876-028A	WS-4-3		8/23/2012 4:10:00 PM	8/27/2012
12080876-028B	WS-4-3		8/23/2012 4:10:00 PM	8/27/2012
12080876-029A	WS-4-4		8/23/2012 4:15:00 PM	8/27/2012
12080876-029B	WS-4-4		8/23/2012 4:15:00 PM	8/27/2012
12080876-030A	SRA-1-1		8/24/2012 8:40:00 AM	8/27/2012
12080876-030B	SRA-1-1		8/24/2012 8:40:00 AM	8/27/2012
12080876-031A	SRA-1-2		8/24/2012 8:45:00 AM	8/27/2012
12080876-031B	SRA-1-2		8/24/2012 8:45:00 AM	8/27/2012
12080876-032A	SRA-2-1		8/24/2012 8:55:00 AM	8/27/2012
12080876-032B	SRA-2-1		8/24/2012 8:55:00 AM	8/27/2012
12080876-033A	SRA-2-2		8/24/2012 9:00:00 AM	8/27/2012
12080876-033B	SRA-2-2		8/24/2012 9:00:00 AM	8/27/2012
12080876-034A	SRA-3-1		8/24/2012 9:10:00 AM	8/27/2012
12080876-034B	SRA-3-1		8/24/2012 9:10:00 AM	8/27/2012
12080876-035A	SRA-3-2		8/24/2012 9:15:00 AM	8/27/2012
12080876-035B	SRA-3-2		8/24/2012 9:15:00 AM	8/27/2012
12080876-036A	SRA-4-1		8/24/2012 9:50:00 AM	8/27/2012
12080876-036B	SRA-4-1		8/24/2012 9:50:00 AM	8/27/2012
12080876-037A	SRA-4-2		8/24/2012 9:55:00 AM	8/27/2012
12080876-037B	SRA-4-2		8/24/2012 9:55:00 AM	8/27/2012
12080876-038A	SRA-5-1		8/24/2012 11:00:00 AM	8/27/2012
12080876-038B	SRA-5-1		8/24/2012 11:00:00 AM	8/27/2012
12080876-039A	SRA-5-2		8/24/2012 11:05:00 AM	8/27/2012
12080876-039B	SRA-5-2		8/24/2012 11:05:00 AM	8/27/2012

Client:	Camp, Dresser and McKee
Project:	Omnitrax Wedron, Wedron, IL
Lab Order:	12080876

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
12080876-040A	PZ-1		8/24/2012 11:45:00 AM	8/27/2012
12080876-040B	PZ-1		8/24/2012 11:45:00 AM	8/27/2012
12080876-041A	WS-5-1		8/24/2012 11:45:00 AM	8/27/2012
12080876-041B	WS-5-1		8/24/2012 11:45:00 AM	8/27/2012
12080876-042A	WS-5-2		8/24/2012 11:50:00 AM	8/27/2012
12080876-042B	WS-5-2		8/24/2012 11:50:00 AM	8/27/2012
12080876-043A	WS-5-3		8/24/2012 11:55:00 AM	8/27/2012
12080876-043B	WS-5-3		8/24/2012 11:55:00 AM	8/27/2012
12080876-044A	WS-5-4		8/24/2012 12:00:00 PM	8/27/2012
12080876-044B	WS-5-4		8/24/2012 12:00:00 PM	8/27/2012
12080876-045A	WS-6-1		8/24/2012 12:35:00 PM	8/27/2012
12080876-045B	WS-6-1		8/24/2012 12:35:00 PM	8/27/2012
12080876-046A	WS-6-2		8/24/2012 12:40:00 PM	8/27/2012
12080876-046B	WS-6-2		8/24/2012 12:40:00 PM	8/27/2012
12080876-047A	WS-6-3		8/24/2012 12:50:00 PM	8/27/2012
12080876-047B	WS-6-3		8/24/2012 12:50:00 PM	8/27/2012
12080876-048A	WS-7-1		8/24/2012 1:00:00 PM	8/27/2012
12080876-048B	WS-7-1		8/24/2012 1:00:00 PM	8/27/2012
12080876-049A	WS-7-2		8/24/2012 1:05:00 PM	8/27/2012
12080876-049B	WS-7-2		8/24/2012 1:05:00 PM	8/27/2012
12080876-050A	WS-7-3		8/24/2012 1:10:00 PM	8/27/2012
12080876-050B	WS-7-3		8/24/2012 1:10:00 PM	8/27/2012
12080876-051A	WS-7-4		8/24/2012 1:15:00 PM	8/27/2012
12080876-051B	WS-7-4		8/24/2012 1:15:00 PM	8/27/2012
12080876-052A	WS-8-1		8/24/2012 1:45:00 PM	8/27/2012
12080876-052B	WS-8-1		8/24/2012 1:45:00 PM	8/27/2012
12080876-053A	WS-8-2		8/24/2012 1:50:00 PM	8/27/2012
12080876-053B	WS-8-2		8/24/2012 1:50:00 PM	8/27/2012
12080876-054A	WS-8-3		8/24/2012 1:55:00 PM	8/27/2012
12080876-054B	WS-8-3		8/24/2012 1:55:00 PM	8/27/2012
12080876-055A	WS-9-1		8/24/2012 3:00:00 PM	8/27/2012
12080876-055B	WS-9-1		8/24/2012 3:00:00 PM	8/27/2012
12080876-056A	WS-9-2		8/24/2012 3:05:00 PM	8/27/2012
12080876-056B	WS-9-2		8/24/2012 3:05:00 PM	8/27/2012
12080876-057A	WS-10-1		8/24/2012 3:55:00 PM	8/27/2012
12080876-057B	WS-10-1		8/24/2012 3:55:00 PM	8/27/2012
12080876-058A	WS-11-1		8/24/2012 4:20:00 PM	8/27/2012
12080876-058B	WS-11-1		8/24/2012 4:20:00 PM	8/27/2012
12080876-059A	WS-11-2		8/24/2012 4:25:00 PM	8/27/2012
12080876-059B	WS-11-2		8/24/2012 4:25:00 PM	8/27/2012

Client:	Camp, Dresser and McKee
Project:	Omnitrax Wedron, Wedron, IL
Lab Order:	12080876

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
12080876-060A	Trip Blank		8/24/2012	8/27/2012

STAT Analysis Corporation **Date:** *September 17, 2012*

CLIENT:	Camp, Dresser and McKee
Project:	Omnitrax Wedron, Wedron, IL
Lab Order:	12080876

CASE NARRATIVE

For BTEX sample SRA-5-1 (12080876-038), both of the submitted sodium bisulfate preserved 40mL VOA vials leaked during analysis. The sample was prepared from the 4 ounce glass jar.

Due to matrix interference, VOC results for the following samples are reported from the medium level dilution (Methanol Extract):
WS-5-3 - 12080876-043
WS-7-4 - 12080876-051
WS-8-2 - 12080876-053

Due to matrix interference, sample WS-2-3 (12080876-017A) with a dilution factor of 50 had recovery of the following VOC surrogates outside of control limits:
Toluene-d8: 133% recovery (QC Limits 85-110%)

Due to matrix interference, sample WS-8-2 (12080876-053A) had recovery of the following VOC surrogates outside of control limits:
Toluene-d8: 111% recovery (QC Limits 85-110%)

Due to matrix interference, sample WS-9-2 (12080876-056A) had recovery of the following VOC surrogates outside of control limits:
Toluene-d8: 149% recovery (QC Limits 85-110%)

Due to matrix interference, sample WS-11-2 (12080876-059A) with a dilution factor of 50 had recovery of the following VOC surrogates outside of control limits:
Toluene-d8: 118% recovery (QC Limits 85-110%)
4-Bromofluorobenzene: 110.4% recovery (QC Limits 63-110%)

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-001

Client Sample ID: UST-1-1
Collection Date: 8/23/2012 8:30:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**			Prep Date: **8/29/2012**		Analyst: **JG**
Lead	16	0.61	0.11		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **PS**
Benzene	0.0022	0.0055	0.00011	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0024	0.0055	0.00011	J	mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.00051	0.0055	0.00011	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0021	0.016	0.00055	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**			Prep Date: **8/27/2012**		Analyst: **RW**
Percent Moisture	13.7	0.2	0.11	*	wt%	1	8/28/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-002

Client Sample ID: UST-1-2
Collection Date: 8/23/2012 8:40:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**			Prep Date: **8/29/2012**		Analyst: **JG**
Lead	11	0.63	0.11		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **PS**
Benzene	0.0013	0.0042	0.000084	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0030	0.0042	0.000084	J	mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.0012	0.0042	0.000084	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0022	0.013	0.00042	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**			Prep Date: **8/27/2012**		Analyst: **RW**
Percent Moisture	14.5	0.2	0.11	*	wt%	1	8/28/2012

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-003

Client Sample ID: UST-2-1
Collection Date: 8/23/2012 9:15:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**			Prep Date: **8/29/2012**		Analyst: **JG**
Lead	6.6	0.55	0.098		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **PS**
Benzene	0.0026	0.0045	0.000091	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0056	0.0045	0.000091		mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.0019	0.0045	0.000091	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0037	0.014	0.00045	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**			Prep Date: **8/27/2012**		Analyst: **RW**
Percent Moisture	4.3	0.2	0.11	*	wt%	1	8/28/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-004

Client Sample ID: UST-2-2
Collection Date 8/23/2012 9:25:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **8/29/2012**			Analyst: **JG**
Lead	2.3	0.52	0.094		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **PS**
Benzene	0.0028	0.0048	0.000095	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0063	0.0048	0.000095		mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.0021	0.0048	0.000095	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0045	0.014	0.00048	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**		Prep Date: **8/27/2012**			Analyst: **RW**
Percent Moisture	4.1	0.2	0.11	*	wt%	1	8/28/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-005

Client Sample ID: UST-3-1
Collection Date: 8/23/2012 9:35:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**			Prep Date: **8/29/2012**		Analyst: **JG**
Lead	6	0.56	0.1		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **PS**
Benzene	0.0029	0.0048	0.000096	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0068	0.0048	0.000096		mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.0024	0.0048	0.000096	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0048	0.014	0.00048	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	6.7	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:

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- J - Analyte detected below reporting limit
- B - Analyte detected in the associated Method Blank
- HT - Sample received past holding time
- * - Non-accredited parameter
- RL/MDL - Reporting Limit / Method Detection Limit for the analysis
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- E - Value above quantitation range
- H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-006

Client Sample ID: UST-3-2
Collection Date 8/23/2012 9:40:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **8/29/2012**			Analyst: **JG**
Lead	13	0.67	0.12		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **PS**
Benzene	0.0015	0.0044	0.000087	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0035	0.0044	0.000087	J	mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.0012	0.0044	0.000087	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0025	0.013	0.00044	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	17.8	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-007

Client Sample ID: UST-4-1
Collection Date: 8/23/2012 10:05:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**			Prep Date: **8/29/2012**		Analyst: **JG**
Lead	30	0.55	0.1		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **PS**
Benzene	0.0018	0.0045	0.00009	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0021	0.0045	0.00009	J	mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.00040	0.0045	0.00009	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0021	0.014	0.00045	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	11.1	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-008

Client Sample ID: UST-4-2
Collection Date 8/23/2012 10:10:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**		Prep Date: **8/29/2012**			Analyst: **JG**
Lead	10	0.52	0.094		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **PS**
Benzene	0.0033	0.0047	0.000093	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0067	0.0047	0.000093		mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.0020	0.0047	0.000093	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0050	0.014	0.00047	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	5.9	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-009

Client Sample ID: UST-5-1
Collection Date 8/23/2012 10:40:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**			Prep Date: **8/29/2012**		Analyst: **JG**
Lead	8	0.53	0.095		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **PS**
Benzene	0.0020	0.0045	0.00009	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0033	0.0045	0.00009	J	mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.0012	0.0045	0.00009	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0019	0.013	0.00045	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	3.8	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-010

Client Sample ID: UST-5-2
Collection Date 8/23/2012 10:45:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**			Prep Date: **8/29/2012**		Analyst: **JG**
Lead	13	0.6	0.11		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **PS**
Benzene	0.0020	0.0042	0.000084	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0047	0.0042	0.000084		mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.0018	0.0042	0.000084	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0035	0.013	0.00042	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	15.5	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-011

Client Sample ID: UST-6-1
Collection Date: 8/23/2012 11:00:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**			Prep Date: **8/29/2012**		Analyst: **JG**
Lead	12	0.58	0.1		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **PS**
Benzene	ND	0.006	0.00012		mg/Kg-dry	1	9/2/2012
Toluene	0.00077	0.006	0.00012	J	mg/Kg-dry	1	9/2/2012
Ethylbenzene	ND	0.006	0.00012		mg/Kg-dry	1	9/2/2012
Xylenes, Total	ND	0.018	0.0006		mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	11.1	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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RL/MDL - Reporting Limit / Method Detection Limit for the analysis
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E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-012

Client Sample ID: UST-6-2
Collection Date: 8/23/2012 11:05:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Metals by ICP/MS		**SW6020 (SW3050B)**			Prep Date: **8/29/2012**		Analyst: **JG**
Lead	6	0.54	0.097		mg/Kg-dry	10	8/29/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **PS**
Benzene	0.0024	0.0045	0.00009	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0049	0.0045	0.00009		mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.0017	0.0045	0.00009	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0043	0.014	0.00045	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	4.8	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
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J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
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R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-013

Client Sample ID: WS-1-1
Collection Date: 8/23/2012 12:35:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.035	0.016		mg/Kg-dry	1	8/30/2012
Acenaphthylene	0.024	0.035	0.013	J	mg/Kg-dry	1	8/30/2012
Anthracene	0.022	0.035	0.012	J	mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	0.023	0.035	0.016	J	mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	0.020	0.035	0.014	J	mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	0.028	0.035	0.024	J	mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	0.021	0.035	0.014	J	mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.035	0.059		mg/Kg-dry	1	8/30/2012
Chrysene	0.025	0.035	0.012	J	mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.035	0.016		mg/Kg-dry	1	8/30/2012
Fluoranthene	0.030	0.035	0.024	J	mg/Kg-dry	1	8/30/2012
Fluorene	ND	0.035	0.016		mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	ND	0.035	0.012		mg/Kg-dry	1	8/30/2012
Naphthalene	ND	0.035	0.022		mg/Kg-dry	1	8/30/2012
Phenanthrene	0.037	0.035	0.0095		mg/Kg-dry	1	8/30/2012
Pyrene	0.029	0.035	0.021	J	mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **PS**
Benzene	0.0012	0.0046	0.000091	J	mg/Kg-dry	1	9/2/2012
Toluene	0.0017	0.0046	0.000091	J	mg/Kg-dry	1	9/2/2012
Ethylbenzene	0.00047	0.0046	0.000091	J	mg/Kg-dry	1	9/2/2012
Xylenes, Total	0.0013	0.014	0.00046	J	mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	5.9	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-014

Client Sample ID: WS-1-2
Collection Date: 8/23/2012 1:00:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Acenaphthylene	ND	0.04	0.015		mg/Kg-dry	1	8/30/2012
Anthracene	ND	0.04	0.013		mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	ND	0.04	0.016		mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	ND	0.04	0.028		mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	ND	0.04	0.016		mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.04	0.068		mg/Kg-dry	1	8/30/2012
Chrysene	ND	0.04	0.013		mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Fluoranthene	ND	0.04	0.028		mg/Kg-dry	1	8/30/2012
Fluorene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	ND	0.04	0.013		mg/Kg-dry	1	8/30/2012
Naphthalene	ND	0.04	0.026		mg/Kg-dry	1	8/30/2012
Phenanthrene	ND	0.04	0.011		mg/Kg-dry	1	8/30/2012
Pyrene	ND	0.04	0.024		mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **PS**
Benzene	ND	0.0059	0.00012		mg/Kg-dry	1	9/2/2012
Toluene	ND	0.0059	0.00012		mg/Kg-dry	1	9/2/2012
Ethylbenzene	ND	0.0059	0.00012		mg/Kg-dry	1	9/2/2012
Xylenes, Total	ND	0.018	0.00059		mg/Kg-dry	1	9/2/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	18.1	0.2	0.11	*	wt%	1	8/29/2012

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-017

Client Sample ID: WS-2-3
Collection Date: 8/23/2012 2:50:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Total Petroleum Hydrocarbons		**SW8015M (SW3580A)**			Prep Date: **9/4/2012**		Analyst: **GVC**
TPH (GRO)	450	23	2.6		mg/Kg-dry	1	9/4/2012
TPH (DRO)	270	23	3.6		mg/Kg-dry	1	9/4/2012
TPH (ERO)	ND	23	7.9	*	mg/Kg-dry	1	9/4/2012
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**			Prep Date: **8/30/2012**		Analyst: **DM**
Acenaphthene	ND	0.039	0.018		mg/Kg-dry	1	8/30/2012
Acenaphthylene	ND	0.039	0.014		mg/Kg-dry	1	8/30/2012
Anthracene	ND	0.039	0.013		mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	ND	0.039	0.018		mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	ND	0.039	0.015		mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	ND	0.039	0.027		mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	ND	0.039	0.015		mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.039	0.066		mg/Kg-dry	1	8/30/2012
Chrysene	ND	0.039	0.013		mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.039	0.018		mg/Kg-dry	1	8/30/2012
Fluoranthene	ND	0.039	0.027		mg/Kg-dry	1	8/30/2012
Fluorene	0.022	0.039	0.018	J	mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	ND	0.039	0.013		mg/Kg-dry	1	8/30/2012
Naphthalene	1.4	0.039	0.025		mg/Kg-dry	1	8/30/2012
Phenanthrene	0.049	0.039	0.011		mg/Kg-dry	1	8/30/2012
Pyrene	ND	0.039	0.023		mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **ERP**
Benzene	ND	0.1	0.005		mg/Kg-dry	50	9/5/2012
Toluene	0.25	0.25	0.005		mg/Kg-dry	50	9/5/2012
Ethylbenzene	75	2.5	0.05		mg/Kg-dry	500	9/4/2012
Xylenes, Total	230	7.5	0.25		mg/Kg-dry	500	9/4/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	15.0	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
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B - Analyte detected in the associated Method Blank
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RL/MDL - Reporting Limit / Method Detection Limit for the analysis
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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-022

Client Sample ID: WS-3-2
Collection Date: 8/23/2012 3:40:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Total Petroleum Hydrocarbons		**SW8015M (SW3580A)**		Prep Date: **9/4/2012**			Analyst: **GVC**
TPH (GRO)	ND	21	2.3		mg/Kg-dry	1	9/4/2012
TPH (DRO)	4.3	21	3.2	J	mg/Kg-dry	1	9/4/2012
TPH (ERO)	ND	21	7.1	*	mg/Kg-dry	1	9/4/2012
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.035	0.016		mg/Kg-dry	1	8/30/2012
Acenaphthylene	ND	0.035	0.013		mg/Kg-dry	1	8/30/2012
Anthracene	ND	0.035	0.012		mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	ND	0.035	0.016		mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	ND	0.035	0.014		mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	ND	0.035	0.024		mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	ND	0.035	0.014		mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.035	0.059		mg/Kg-dry	1	8/30/2012
Chrysene	ND	0.035	0.012		mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.035	0.016		mg/Kg-dry	1	8/30/2012
Fluoranthene	ND	0.035	0.024		mg/Kg-dry	1	8/30/2012
Fluorene	ND	0.035	0.016		mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	ND	0.035	0.012		mg/Kg-dry	1	8/30/2012
Naphthalene	ND	0.035	0.022		mg/Kg-dry	1	8/30/2012
Phenanthrene	ND	0.035	0.0095		mg/Kg-dry	1	8/30/2012
Pyrene	ND	0.035	0.021		mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **PS**
Benzene	0.0023	0.0043	0.000085	J	mg/Kg-dry	1	9/4/2012
Toluene	0.0051	0.0043	0.000085		mg/Kg-dry	1	9/4/2012
Ethylbenzene	0.0020	0.0043	0.000085	J	mg/Kg-dry	1	9/4/2012
Xylenes, Total	0.0045	0.013	0.00043	J	mg/Kg-dry	1	9/4/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	5.8	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-028

Client Sample ID: WS-4-3
Collection Date 8/23/2012 4:10:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **9/4/2012**			Analyst: **DM**
Acenaphthene	ND	0.043	0.02		mg/Kg-dry	1	9/4/2012
Acenaphthylene	ND	0.043	0.016		mg/Kg-dry	1	9/4/2012
Anthracene	ND	0.043	0.014		mg/Kg-dry	1	9/4/2012
Benz(a)anthracene	ND	0.043	0.02		mg/Kg-dry	1	9/4/2012
Benzo(a)pyrene	ND	0.043	0.017		mg/Kg-dry	1	9/4/2012
Benzo(b)fluoranthene	ND	0.043	0.03		mg/Kg-dry	1	9/4/2012
Benzo(g,h,i)perylene	ND	0.043	0.017		mg/Kg-dry	1	9/4/2012
Benzo(k)fluoranthene	ND	0.043	0.073		mg/Kg-dry	1	9/4/2012
Chrysene	ND	0.043	0.014		mg/Kg-dry	1	9/4/2012
Dibenz(a,h)anthracene	ND	0.043	0.02		mg/Kg-dry	1	9/4/2012
Fluoranthene	ND	0.043	0.03		mg/Kg-dry	1	9/4/2012
Fluorene	ND	0.043	0.02		mg/Kg-dry	1	9/4/2012
Indeno(1,2,3-cd)pyrene	ND	0.043	0.014		mg/Kg-dry	1	9/4/2012
Naphthalene	0.6	0.043	0.027		mg/Kg-dry	1	9/4/2012
Phenanthrene	0.022	0.043	0.012	J	mg/Kg-dry	1	9/4/2012
Pyrene	ND	0.043	0.026		mg/Kg-dry	1	9/4/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **ART**
Benzene	0.0047	0.0065	0.00013	J	mg/Kg-dry	1	9/3/2012
Toluene	0.015	0.0065	0.00013		mg/Kg-dry	1	9/3/2012
Ethylbenzene	0.37	0.0065	0.00013		mg/Kg-dry	1	9/3/2012
Xylenes, Total	0.66	0.019	0.00065		mg/Kg-dry	1	9/3/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	23.8	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
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R - RPD outside accepted recovery limits
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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-030

Client Sample ID: SRA-1-1
Collection Date: 8/24/2012 8:40:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Acenaphthylene	ND	0.04	0.015		mg/Kg-dry	1	8/30/2012
Anthracene	ND	0.04	0.013		mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	0.059	0.04	0.018		mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	0.043	0.04	0.016		mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	0.038	0.04	0.028	J	mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	0.035	0.04	0.016	J	mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.04	0.068		mg/Kg-dry	1	8/30/2012
Chrysene	0.099	0.04	0.013		mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Fluoranthene	0.13	0.04	0.028		mg/Kg-dry	1	8/30/2012
Fluorene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	0.026	0.04	0.013	J	mg/Kg-dry	1	8/30/2012
Naphthalene	ND	0.04	0.026		mg/Kg-dry	1	8/30/2012
Phenanthrene	0.47	0.04	0.011		mg/Kg-dry	1	8/30/2012
Pyrene	0.066	0.04	0.024		mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **ART**
Benzene	0.00054	0.007	0.00014	J	mg/Kg-dry	1	9/3/2012
Toluene	ND	0.007	0.00014		mg/Kg-dry	1	9/3/2012
Ethylbenzene	0.0026	0.007	0.00014	J	mg/Kg-dry	1	9/3/2012
Xylenes, Total	0.0086	0.021	0.0007	J	mg/Kg-dry	1	9/3/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	18.2	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-031

Client Sample ID: SRA-1-2
Collection Date: 8/24/2012 8:45:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**			Prep Date: **8/30/2012**		Analyst: **DM**
Acenaphthene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Acenaphthylene	ND	0.038	0.014		mg/Kg-dry	1	8/30/2012
Anthracene	ND	0.038	0.013		mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	ND	0.038	0.015		mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	ND	0.038	0.027		mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	ND	0.038	0.015		mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.038	0.065		mg/Kg-dry	1	8/30/2012
Chrysene	ND	0.038	0.013		mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Fluoranthene	ND	0.038	0.027		mg/Kg-dry	1	8/30/2012
Fluorene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	ND	0.038	0.013		mg/Kg-dry	1	8/30/2012
Naphthalene	ND	0.038	0.024		mg/Kg-dry	1	8/30/2012
Phenanthrene	0.037	0.038	0.01	J	mg/Kg-dry	1	8/30/2012
Pyrene	ND	0.038	0.023		mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **ART**
Benzene	ND	0.0046	0.000092		mg/Kg-dry	1	9/3/2012
Toluene	ND	0.0046	0.000092		mg/Kg-dry	1	9/3/2012
Ethylbenzene	0.00075	0.0046	0.000092	J	mg/Kg-dry	1	9/3/2012
Xylenes, Total	0.0021	0.014	0.00046	J	mg/Kg-dry	1	9/3/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	14.9	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-032

Client Sample ID: SRA-2-1
Collection Date: 8/24/2012 8:55:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Acenaphthylene	ND	0.04	0.015		mg/Kg-dry	1	8/30/2012
Anthracene	ND	0.04	0.013		mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	ND	0.04	0.016		mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	ND	0.04	0.028		mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	ND	0.04	0.016		mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.04	0.068		mg/Kg-dry	1	8/30/2012
Chrysene	ND	0.04	0.013		mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Fluoranthene	ND	0.04	0.028		mg/Kg-dry	1	8/30/2012
Fluorene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	ND	0.04	0.013		mg/Kg-dry	1	8/30/2012
Naphthalene	ND	0.04	0.025		mg/Kg-dry	1	8/30/2012
Phenanthrene	ND	0.04	0.011		mg/Kg-dry	1	8/30/2012
Pyrene	ND	0.04	0.024		mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **ART**
Benzene	0.0012	0.0052	0.0001	J	mg/Kg-dry	1	9/3/2012
Toluene	0.0020	0.0052	0.0001	J	mg/Kg-dry	1	9/3/2012
Ethylbenzene	0.0012	0.0052	0.0001	J	mg/Kg-dry	1	9/3/2012
Xylenes, Total	0.0031	0.016	0.00052	J	mg/Kg-dry	1	9/3/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	18.2	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-033

Client Sample ID: SRA-2-2
Collection Date 8/24/2012 9:00:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**			Prep Date: **8/30/2012**		Analyst: **DM**
Acenaphthene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Acenaphthylene	ND	0.038	0.014		mg/Kg-dry	1	8/30/2012
Anthracene	ND	0.038	0.013		mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	ND	0.038	0.015		mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	ND	0.038	0.027		mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	ND	0.038	0.015		mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.038	0.065		mg/Kg-dry	1	8/30/2012
Chrysene	ND	0.038	0.013		mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Fluoranthene	ND	0.038	0.027		mg/Kg-dry	1	8/30/2012
Fluorene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	ND	0.038	0.013		mg/Kg-dry	1	8/30/2012
Naphthalene	ND	0.038	0.024		mg/Kg-dry	1	8/30/2012
Phenanthrene	0.023	0.038	0.01	J	mg/Kg-dry	1	8/30/2012
Pyrene	ND	0.038	0.023		mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **ART**
Benzene	ND	0.0049	0.000099		mg/Kg-dry	1	9/3/2012
Toluene	ND	0.0049	0.000099		mg/Kg-dry	1	9/3/2012
Ethylbenzene	0.0012	0.0049	0.000099	J	mg/Kg-dry	1	9/3/2012
Xylenes, Total	0.0016	0.015	0.00049	J	mg/Kg-dry	1	9/3/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	13.9	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-034

Client Sample ID: SRA-3-1
Collection Date: 8/24/2012 9:10:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Acenaphthylene	ND	0.04	0.015		mg/Kg-dry	1	8/30/2012
Anthracene	ND	0.04	0.013		mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	ND	0.04	0.016		mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	ND	0.04	0.028		mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	ND	0.04	0.016		mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.04	0.068		mg/Kg-dry	1	8/30/2012
Chrysene	ND	0.04	0.013		mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Fluoranthene	ND	0.04	0.028		mg/Kg-dry	1	8/30/2012
Fluorene	ND	0.04	0.018		mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	ND	0.04	0.013		mg/Kg-dry	1	8/30/2012
Naphthalene	ND	0.04	0.026		mg/Kg-dry	1	8/30/2012
Phenanthrene	ND	0.04	0.011		mg/Kg-dry	1	8/30/2012
Pyrene	ND	0.04	0.024		mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **ART**
Benzene	ND	0.0048	0.000096		mg/Kg-dry	1	9/3/2012
Toluene	ND	0.0048	0.000096		mg/Kg-dry	1	9/3/2012
Ethylbenzene	0.00048	0.0048	0.000096	J	mg/Kg-dry	1	9/3/2012
Xylenes, Total	0.0013	0.014	0.00048	J	mg/Kg-dry	1	9/3/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	18.8	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-035

Client Sample ID: SRA-3-2
Collection Date: 8/24/2012 9:15:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.037	0.017		mg/Kg-dry	1	8/30/2012
Acenaphthylene	ND	0.037	0.013		mg/Kg-dry	1	8/30/2012
Anthracene	ND	0.037	0.012		mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	ND	0.037	0.017		mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	ND	0.037	0.015		mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	ND	0.037	0.026		mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	ND	0.037	0.015		mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.037	0.063		mg/Kg-dry	1	8/30/2012
Chrysene	ND	0.037	0.012		mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.037	0.017		mg/Kg-dry	1	8/30/2012
Fluoranthene	ND	0.037	0.026		mg/Kg-dry	1	8/30/2012
Fluorene	ND	0.037	0.017		mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	ND	0.037	0.012		mg/Kg-dry	1	8/30/2012
Naphthalene	ND	0.037	0.023		mg/Kg-dry	1	8/30/2012
Phenanthrene	ND	0.037	0.01		mg/Kg-dry	1	8/30/2012
Pyrene	ND	0.037	0.022		mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **ART**
Benzene	0.00019	0.0047	0.000093	J	mg/Kg-dry	1	9/3/2012
Toluene	ND	0.0047	0.000093		mg/Kg-dry	1	9/3/2012
Ethylbenzene	0.00034	0.0047	0.000093	J	mg/Kg-dry	1	9/3/2012
Xylenes, Total	0.0012	0.014	0.00047	J	mg/Kg-dry	1	9/3/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	10.9	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-036

Client Sample ID: SRA-4-1
Collection Date 8/24/2012 9:50:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.037	0.017		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.037	0.013		mg/Kg-dry	1	8/31/2012
Anthracene	ND	0.037	0.012		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	ND	0.037	0.017		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	ND	0.037	0.015		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.037	0.026		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.037	0.015		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.037	0.063		mg/Kg-dry	1	8/31/2012
Chrysene	ND	0.037	0.012		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.037	0.017		mg/Kg-dry	1	8/31/2012
Fluoranthene	ND	0.037	0.026		mg/Kg-dry	1	8/31/2012
Fluorene	ND	0.037	0.017		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.037	0.012		mg/Kg-dry	1	8/31/2012
Naphthalene	ND	0.037	0.024		mg/Kg-dry	1	8/31/2012
Phenanthrene	ND	0.037	0.01		mg/Kg-dry	1	8/31/2012
Pyrene	ND	0.037	0.022		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **PS**
Benzene	0.00021	0.0043	0.000086	J	mg/Kg-dry	1	9/4/2012
Toluene	ND	0.0043	0.000086		mg/Kg-dry	1	9/4/2012
Ethylbenzene	ND	0.0043	0.000086		mg/Kg-dry	1	9/4/2012
Xylenes, Total	ND	0.013	0.00043		mg/Kg-dry	1	9/4/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	11.7	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-037

Client Sample ID: SRA-4-2
Collection Date 8/24/2012 9:55:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.036	0.016		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.036	0.013		mg/Kg-dry	1	8/31/2012
Anthracene	ND	0.036	0.012		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	ND	0.036	0.016		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	ND	0.036	0.014		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.036	0.025		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.036	0.014		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.036	0.061		mg/Kg-dry	1	8/31/2012
Chrysene	ND	0.036	0.012		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.036	0.016		mg/Kg-dry	1	8/31/2012
Fluoranthene	ND	0.036	0.025		mg/Kg-dry	1	8/31/2012
Fluorene	ND	0.036	0.016		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.036	0.012		mg/Kg-dry	1	8/31/2012
Naphthalene	ND	0.036	0.023		mg/Kg-dry	1	8/31/2012
Phenanthrene	ND	0.036	0.0099		mg/Kg-dry	1	8/31/2012
Pyrene	ND	0.036	0.022		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **ART**
Benzene	0.00026	0.0044	0.000088	J	mg/Kg-dry	1	9/3/2012
Toluene	ND	0.0044	0.000088		mg/Kg-dry	1	9/3/2012
Ethylbenzene	0.00033	0.0044	0.000088	J	mg/Kg-dry	1	9/3/2012
Xylenes, Total	0.00088	0.013	0.00044	J	mg/Kg-dry	1	9/3/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	8.9	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-038

Client Sample ID: SRA-5-1
Collection Date: 8/24/2012 11:00:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**			Prep Date: **8/30/2012**		Analyst: **DM**
Acenaphthene	ND	0.036	0.016		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.036	0.013		mg/Kg-dry	1	8/31/2012
Anthracene	ND	0.036	0.012		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	0.026	0.036	0.016	J	mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	0.020	0.036	0.014	J	mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.036	0.025		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.036	0.014		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.036	0.061		mg/Kg-dry	1	8/31/2012
Chrysene	0.031	0.036	0.012	J	mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.036	0.016		mg/Kg-dry	1	8/31/2012
Fluoranthene	0.042	0.036	0.025		mg/Kg-dry	1	8/31/2012
Fluorene	ND	0.036	0.016		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.036	0.012		mg/Kg-dry	1	8/31/2012
Naphthalene	ND	0.036	0.023		mg/Kg-dry	1	8/31/2012
Phenanthrene	0.053	0.036	0.0098		mg/Kg-dry	1	8/31/2012
Pyrene	0.037	0.036	0.022		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW8260B**			Prep Date: **9/5/2012**		Analyst: **ERP**
Benzene	ND	0.0052	0.0001		mg/Kg-dry	1	9/5/2012
Toluene	0.00061	0.0052	0.0001	J	mg/Kg-dry	1	9/5/2012
Ethylbenzene	ND	0.0052	0.0001		mg/Kg-dry	1	9/5/2012
Xylenes, Total	ND	0.016	0.00052		mg/Kg-dry	1	9/5/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	8.0	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-039

Client Sample ID: SRA-5-2
Collection Date: 8/24/2012 11:05:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**			Prep Date: **8/30/2012**		Analyst: **DM**
Acenaphthene	ND	0.035	0.016		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.035	0.013		mg/Kg-dry	1	8/31/2012
Anthracene	ND	0.035	0.012		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	ND	0.035	0.016		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	ND	0.035	0.014		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.035	0.024		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.035	0.014		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.035	0.06		mg/Kg-dry	1	8/31/2012
Chrysene	ND	0.035	0.012		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.035	0.016		mg/Kg-dry	1	8/31/2012
Fluoranthene	ND	0.035	0.024		mg/Kg-dry	1	8/31/2012
Fluorene	ND	0.035	0.016		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.035	0.012		mg/Kg-dry	1	8/31/2012
Naphthalene	ND	0.035	0.022		mg/Kg-dry	1	8/31/2012
Phenanthrene	ND	0.035	0.0096		mg/Kg-dry	1	8/31/2012
Pyrene	ND	0.035	0.021		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **ART**
Benzene	ND	0.0045	0.00009		mg/Kg-dry	1	9/3/2012
Toluene	ND	0.0045	0.00009		mg/Kg-dry	1	9/3/2012
Ethylbenzene	0.00023	0.0045	0.00009	J	mg/Kg-dry	1	9/3/2012
Xylenes, Total	0.00079	0.014	0.00045	J	mg/Kg-dry	1	9/3/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	6.2	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-040

Client Sample ID: PZ-1
Collection Date: 8/24/2012 11:45:00 AM
Matrix: WATER

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons		**SW8270C-SIM (SW3510C)**		Prep Date: **8/28/2012**			Analyst: **DM**
Acenaphthene	ND	0.001	0.00005		mg/L	1	8/28/2012
Acenaphthylene	ND	0.001	0.00003		mg/L	1	8/28/2012
Anthracene	ND	0.001	0.00002		mg/L	1	8/28/2012
Benz(a)anthracene	ND	0.0001	0.00002		mg/L	1	8/28/2012
Benzo(a)pyrene	ND	0.0001	0.00002		mg/L	1	8/28/2012
Benzo(b)fluoranthene	ND	0.0001	0.00006		mg/L	1	8/28/2012
Benzo(g,h,i)perylene	ND	0.001	0.00002		mg/L	1	8/28/2012
Benzo(k)fluoranthene	ND	0.0001	0.00008		mg/L	1	8/28/2012
Chrysene	ND	0.0001	0.00002		mg/L	1	8/28/2012
Dibenz(a,h)anthracene	ND	0.0001	0.00002		mg/L	1	8/28/2012
Fluoranthene	ND	0.001	0.00002		mg/L	1	8/28/2012
Fluorene	ND	0.001	0.00003		mg/L	1	8/28/2012
Indeno(1,2,3-cd)pyrene	ND	0.0001	0.00002		mg/L	1	8/28/2012
Naphthalene	ND	0.001	0.00011		mg/L	1	8/28/2012
Phenanthrene	0.000060	0.001	0.00004	J	mg/L	1	8/28/2012
Pyrene	ND	0.001	0.00002		mg/L	1	8/28/2012
BTEX by GC/MS		**SW8260B (SW5030B)**		Prep Date:			Analyst: **ERP**
Benzene	ND	0.005	0.0002		mg/L	1	8/30/2012
Toluene	ND	0.005	0.0003		mg/L	1	8/30/2012
Ethylbenzene	ND	0.005	0.0002		mg/L	1	8/30/2012
Xylenes, Total	ND	0.015	0.0008		mg/L	1	8/30/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
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RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-042

Client Sample ID: WS-5-2
Collection Date: 8/24/2012 11:50:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Total Petroleum Hydrocarbons		**SW8015M (SW3580A)**			Prep Date: **9/4/2012**		Analyst: **GVC**
TPH (GRO)	ND	21	2.3		mg/Kg-dry	1	9/4/2012
TPH (DRO)	3.6	21	3.2	J	mg/Kg-dry	1	9/4/2012
TPH (ERO)	ND	21	7.1	*	mg/Kg-dry	1	9/4/2012
Percent Moisture		**D2974**			Prep Date: **8/30/2012**		Analyst: **RW**
Percent Moisture	11.5	0.2	0.11	*	wt%	1	8/31/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-043

Client Sample ID: WS-5-3
Collection Date 8/24/2012 11:55:00 AM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.035	0.016		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.035	0.013		mg/Kg-dry	1	8/31/2012
Anthracene	ND	0.035	0.012		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	ND	0.035	0.016		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	ND	0.035	0.014		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.035	0.025		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.035	0.014		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.035	0.06		mg/Kg-dry	1	8/31/2012
Chrysene	ND	0.035	0.012		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.035	0.016		mg/Kg-dry	1	8/31/2012
Fluoranthene	ND	0.035	0.025		mg/Kg-dry	1	8/31/2012
Fluorene	ND	0.035	0.016		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.035	0.012		mg/Kg-dry	1	8/31/2012
Naphthalene	ND	0.035	0.023		mg/Kg-dry	1	8/31/2012
Phenanthrene	ND	0.035	0.0097		mg/Kg-dry	1	8/31/2012
Pyrene	ND	0.035	0.021		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **ERP**
Benzene	ND	0.099	0.005		mg/Kg-dry	50	9/5/2012
Toluene	0.067	0.25	0.005	J	mg/Kg-dry	50	9/5/2012
Ethylbenzene	ND	0.25	0.005		mg/Kg-dry	50	9/5/2012
Xylenes, Total	0.064	0.74	0.025	J	mg/Kg-dry	50	9/5/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	6.9	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-044

Client Sample ID: WS-5-4
Collection Date: 8/24/2012 12:00:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**			Prep Date: **8/30/2012**		Analyst: **DM**
Acenaphthene	ND	0.038	0.017		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.038	0.014		mg/Kg-dry	1	8/31/2012
Anthracene	ND	0.038	0.013		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	ND	0.038	0.017		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	ND	0.038	0.015		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.038	0.026		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.038	0.015		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.038	0.064		mg/Kg-dry	1	8/31/2012
Chrysene	ND	0.038	0.013		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.038	0.017		mg/Kg-dry	1	8/31/2012
Fluoranthene	ND	0.038	0.026		mg/Kg-dry	1	8/31/2012
Fluorene	ND	0.038	0.017		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.038	0.013		mg/Kg-dry	1	8/31/2012
Naphthalene	ND	0.038	0.024		mg/Kg-dry	1	8/31/2012
Phenanthrene	ND	0.038	0.01		mg/Kg-dry	1	8/31/2012
Pyrene	ND	0.038	0.023		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **PS**
Benzene	0.0010	0.0046	0.000092	J	mg/Kg-dry	1	9/4/2012
Toluene	0.0013	0.0046	0.000092	J	mg/Kg-dry	1	9/4/2012
Ethylbenzene	0.00048	0.0046	0.000092	J	mg/Kg-dry	1	9/4/2012
Xylenes, Total	0.0012	0.014	0.00046	J	mg/Kg-dry	1	9/4/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	13.2	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-046

Client Sample ID: WS-6-2
Collection Date 8/24/2012 12:40:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.041	0.019		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.041	0.015		mg/Kg-dry	1	8/31/2012
Anthracene	ND	0.041	0.014		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	ND	0.041	0.019		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	ND	0.041	0.016		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.041	0.029		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.041	0.016		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.041	0.07		mg/Kg-dry	1	8/31/2012
Chrysene	ND	0.041	0.014		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.041	0.019		mg/Kg-dry	1	8/31/2012
Fluoranthene	ND	0.041	0.029		mg/Kg-dry	1	8/31/2012
Fluorene	ND	0.041	0.019		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.041	0.014		mg/Kg-dry	1	8/31/2012
Naphthalene	0.028	0.041	0.026	J	mg/Kg-dry	1	8/31/2012
Phenanthrene	ND	0.041	0.011		mg/Kg-dry	1	8/31/2012
Pyrene	ND	0.041	0.025		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **PS**
Benzene	ND	0.12	0.0058		mg/Kg-dry	50	9/4/2012
Toluene	ND	0.29	0.0058		mg/Kg-dry	50	9/4/2012
Ethylbenzene	0.014	0.29	0.0058	J	mg/Kg-dry	50	9/4/2012
Xylenes, Total	ND	0.87	0.029		mg/Kg-dry	50	9/4/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	20.6	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-050

Client Sample ID: WS-7-3
Collection Date 8/24/2012 1:10:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Acenaphthylene	ND	0.038	0.014		mg/Kg-dry	1	8/30/2012
Anthracene	ND	0.038	0.013		mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	ND	0.038	0.015		mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	ND	0.038	0.027		mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	ND	0.038	0.015		mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.038	0.065		mg/Kg-dry	1	8/30/2012
Chrysene	ND	0.038	0.013		mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Fluoranthene	ND	0.038	0.027		mg/Kg-dry	1	8/30/2012
Fluorene	ND	0.038	0.017		mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	ND	0.038	0.013		mg/Kg-dry	1	8/30/2012
Naphthalene	ND	0.038	0.024		mg/Kg-dry	1	8/30/2012
Phenanthrene	ND	0.038	0.01		mg/Kg-dry	1	8/30/2012
Pyrene	ND	0.038	0.023		mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **PS**
Benzene	0.0038	0.0046	0.000092	J	mg/Kg-dry	1	9/4/2012
Toluene	0.0053	0.0046	0.000092		mg/Kg-dry	1	9/4/2012
Ethylbenzene	0.0020	0.0046	0.000092	J	mg/Kg-dry	1	9/4/2012
Xylenes, Total	0.0034	0.014	0.00046	J	mg/Kg-dry	1	9/4/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	14.4	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-051

Client Sample ID: WS-7-4
Collection Date: 8/24/2012 1:15:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.035	0.016		mg/Kg-dry	1	8/30/2012
Acenaphthylene	ND	0.035	0.013		mg/Kg-dry	1	8/30/2012
Anthracene	ND	0.035	0.012		mg/Kg-dry	1	8/30/2012
Benz(a)anthracene	ND	0.035	0.016		mg/Kg-dry	1	8/30/2012
Benzo(a)pyrene	ND	0.035	0.014		mg/Kg-dry	1	8/30/2012
Benzo(b)fluoranthene	ND	0.035	0.024		mg/Kg-dry	1	8/30/2012
Benzo(g,h,i)perylene	ND	0.035	0.014		mg/Kg-dry	1	8/30/2012
Benzo(k)fluoranthene	ND	0.035	0.059		mg/Kg-dry	1	8/30/2012
Chrysene	ND	0.035	0.012		mg/Kg-dry	1	8/30/2012
Dibenz(a,h)anthracene	ND	0.035	0.016		mg/Kg-dry	1	8/30/2012
Fluoranthene	ND	0.035	0.024		mg/Kg-dry	1	8/30/2012
Fluorene	ND	0.035	0.016		mg/Kg-dry	1	8/30/2012
Indeno(1,2,3-cd)pyrene	ND	0.035	0.012		mg/Kg-dry	1	8/30/2012
Naphthalene	ND	0.035	0.022		mg/Kg-dry	1	8/30/2012
Phenanthrene	ND	0.035	0.0095		mg/Kg-dry	1	8/30/2012
Pyrene	ND	0.035	0.021		mg/Kg-dry	1	8/30/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **PS**
Benzene	ND	0.094	0.0047		mg/Kg-dry	50	9/4/2012
Toluene	ND	0.24	0.0047		mg/Kg-dry	50	9/4/2012
Ethylbenzene	0.050	0.24	0.0047	J	mg/Kg-dry	50	9/4/2012
Xylenes, Total	0.098	0.71	0.024	J	mg/Kg-dry	50	9/4/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	5.2	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-052

Client Sample ID: WS-8-1
Collection Date 8/24/2012 1:45:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.036	0.017		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.036	0.013		mg/Kg-dry	1	8/31/2012
Anthracene	ND	0.036	0.012		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	ND	0.036	0.017		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	ND	0.036	0.014		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.036	0.025		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.036	0.014		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.036	0.062		mg/Kg-dry	1	8/31/2012
Chrysene	ND	0.036	0.012		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.036	0.017		mg/Kg-dry	1	8/31/2012
Fluoranthene	ND	0.036	0.025		mg/Kg-dry	1	8/31/2012
Fluorene	ND	0.036	0.017		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.036	0.012		mg/Kg-dry	1	8/31/2012
Naphthalene	ND	0.036	0.023		mg/Kg-dry	1	8/31/2012
Phenanthrene	ND	0.036	0.0099		mg/Kg-dry	1	8/31/2012
Pyrene	ND	0.036	0.022		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **ERP**
Benzene	0.00060	0.005	0.000099	J	mg/Kg-dry	1	9/5/2012
Toluene	0.00092	0.005	0.000099	J	mg/Kg-dry	1	9/5/2012
Ethylbenzene	ND	0.005	0.000099		mg/Kg-dry	1	9/5/2012
Xylenes, Total	0.00069	0.015	0.0005	J	mg/Kg-dry	1	9/5/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	9.9	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-053

Client Sample ID: WS-8-2
Collection Date: 8/24/2012 1:50:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **9/4/2012**			Analyst: **DM**
Acenaphthene	ND	0.041	0.018		mg/Kg-dry	1	9/4/2012
Acenaphthylene	ND	0.041	0.015		mg/Kg-dry	1	9/4/2012
Anthracene	ND	0.041	0.014		mg/Kg-dry	1	9/4/2012
Benz(a)anthracene	ND	0.041	0.018		mg/Kg-dry	1	9/4/2012
Benzo(a)pyrene	ND	0.041	0.016		mg/Kg-dry	1	9/4/2012
Benzo(b)fluoranthene	ND	0.041	0.028		mg/Kg-dry	1	9/4/2012
Benzo(g,h,i)perylene	ND	0.041	0.016		mg/Kg-dry	1	9/4/2012
Benzo(k)fluoranthene	ND	0.041	0.069		mg/Kg-dry	1	9/4/2012
Chrysene	ND	0.041	0.014		mg/Kg-dry	1	9/4/2012
Dibenz(a,h)anthracene	ND	0.041	0.018		mg/Kg-dry	1	9/4/2012
Fluoranthene	ND	0.041	0.028		mg/Kg-dry	1	9/4/2012
Fluorene	ND	0.041	0.018		mg/Kg-dry	1	9/4/2012
Indeno(1,2,3-cd)pyrene	ND	0.041	0.014		mg/Kg-dry	1	9/4/2012
Naphthalene	0.48	0.041	0.026		mg/Kg-dry	1	9/4/2012
Phenanthrene	ND	0.041	0.011		mg/Kg-dry	1	9/4/2012
Pyrene	ND	0.041	0.025		mg/Kg-dry	1	9/4/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **PS**
Benzene	ND	0.11	0.0053		mg/Kg-dry	50	9/4/2012
Toluene	ND	0.27	0.0053		mg/Kg-dry	50	9/4/2012
Ethylbenzene	0.072	0.27	0.0053	J	mg/Kg-dry	50	9/4/2012
Xylenes, Total	0.033	0.8	0.027	J	mg/Kg-dry	50	9/4/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	18.8	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-054

Client Sample ID: WS-8-3
Collection Date: 8/24/2012 1:55:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.041	0.018		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.041	0.015		mg/Kg-dry	1	8/31/2012
Anthracene	ND	0.041	0.014		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	ND	0.041	0.018		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	ND	0.041	0.016		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.041	0.028		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.041	0.016		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.041	0.069		mg/Kg-dry	1	8/31/2012
Chrysene	ND	0.041	0.014		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.041	0.018		mg/Kg-dry	1	8/31/2012
Fluoranthene	ND	0.041	0.028		mg/Kg-dry	1	8/31/2012
Fluorene	ND	0.041	0.018		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.041	0.014		mg/Kg-dry	1	8/31/2012
Naphthalene	0.75	0.041	0.026		mg/Kg-dry	1	8/31/2012
Phenanthrene	ND	0.041	0.011		mg/Kg-dry	1	8/31/2012
Pyrene	ND	0.041	0.025		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **ERP**
Benzene	0.058	0.11	0.0056	J	mg/Kg-dry	50	9/5/2012
Toluene	0.34	0.28	0.0056		mg/Kg-dry	50	9/5/2012
Ethylbenzene	0.85	0.28	0.0056		mg/Kg-dry	50	9/5/2012
Xylenes, Total	21	0.84	0.028		mg/Kg-dry	50	9/5/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	19.1	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-055

Client Sample ID: WS-9-1
Collection Date: 8/24/2012 3:00:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	ND	0.037	0.017		mg/Kg-dry	1	8/31/2012
Acenaphthylene	0.020	0.037	0.014	J	mg/Kg-dry	1	8/31/2012
Anthracene	0.037	0.037	0.012		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	0.067	0.037	0.017		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	0.069	0.037	0.015		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	0.076	0.037	0.026		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	0.084	0.037	0.015		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	0.074	0.037	0.063		mg/Kg-dry	1	8/31/2012
Chrysene	0.092	0.037	0.012		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.037	0.017		mg/Kg-dry	1	8/31/2012
Fluoranthene	0.15	0.037	0.026		mg/Kg-dry	1	8/31/2012
Fluorene	ND	0.037	0.017		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	0.051	0.037	0.012		mg/Kg-dry	1	8/31/2012
Naphthalene	0.059	0.037	0.024		mg/Kg-dry	1	8/31/2012
Phenanthrene	0.17	0.037	0.01		mg/Kg-dry	1	8/31/2012
Pyrene	0.12	0.037	0.023		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **ERP**
Benzene	0.00044	0.0042	0.000084	J	mg/Kg-dry	1	9/5/2012
Toluene	ND	0.0042	0.000084		mg/Kg-dry	1	9/5/2012
Ethylbenzene	ND	0.0042	0.000084		mg/Kg-dry	1	9/5/2012
Xylenes, Total	ND	0.013	0.00042		mg/Kg-dry	1	9/5/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	11.8	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
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H - Holding time exceeded

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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-056

Client Sample ID: WS-9-2
Collection Date 8/24/2012 3:05:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**		Prep Date: **8/30/2012**			Analyst: **DM**
Acenaphthene	0.15	0.037	0.017		mg/Kg-dry	1	8/31/2012
Acenaphthylene	0.062	0.037	0.013		mg/Kg-dry	1	8/31/2012
Anthracene	0.083	0.037	0.012		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	0.026	0.037	0.017	J	mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	0.019	0.037	0.015	J	mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.037	0.026		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	0.021	0.037	0.015	J	mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.037	0.063		mg/Kg-dry	1	8/31/2012
Chrysene	0.022	0.037	0.012	J	mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.037	0.017		mg/Kg-dry	1	8/31/2012
Fluoranthene	0.069	0.037	0.026		mg/Kg-dry	1	8/31/2012
Fluorene	0.15	0.037	0.017		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.037	0.012		mg/Kg-dry	1	8/31/2012
Naphthalene	1.2	0.037	0.024		mg/Kg-dry	1	8/31/2012
Phenanthrene	0.36	0.037	0.01		mg/Kg-dry	1	8/31/2012
Pyrene	0.1	0.037	0.022		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**		Prep Date: **8/28/2012**			Analyst: **ERP**
Benzene	ND	0.088	0.0044		mg/Kg-dry	50	9/5/2012
Toluene	ND	0.22	0.0044		mg/Kg-dry	50	9/5/2012
Ethylbenzene	2.6	0.22	0.0044		mg/Kg-dry	50	9/5/2012
Xylenes, Total	2.3	0.66	0.022		mg/Kg-dry	50	9/5/2012
Percent Moisture		**D2974**		Prep Date: **8/28/2012**			Analyst: **RW**
Percent Moisture	11.4	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
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Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-057

Client Sample ID: WS-10-1
Collection Date 8/24/2012 3:55:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Total Petroleum Hydrocarbons		**SW8015M (SW3580A)**			Prep Date: **9/4/2012**		Analyst: **GVC**
TPH (GRO)	3600	21	2.3		mg/Kg-dry	1	9/4/2012
TPH (DRO)	2500	21	3.2		mg/Kg-dry	1	9/4/2012
TPH (ERO)	22	21	7	*	mg/Kg-dry	1	9/4/2012
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**			Prep Date: **8/30/2012**		Analyst: **DM**
Acenaphthene	ND	0.034	0.016		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.034	0.012		mg/Kg-dry	1	8/31/2012
Anthracene	0.073	0.034	0.011		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	ND	0.034	0.016		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	ND	0.034	0.014		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.034	0.024		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.034	0.014		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.034	0.058		mg/Kg-dry	1	8/31/2012
Chrysene	ND	0.034	0.011		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.034	0.016		mg/Kg-dry	1	8/31/2012
Fluoranthene	0.030	0.034	0.024	J	mg/Kg-dry	1	8/31/2012
Fluorene	0.42	0.034	0.016		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.034	0.011		mg/Kg-dry	1	8/31/2012
Naphthalene	11	0.17	0.11		mg/Kg-dry	5	8/31/2012
Phenanthrene	0.64	0.034	0.0094		mg/Kg-dry	1	8/31/2012
Pyrene	0.051	0.034	0.021		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **ERP**
Benzene	ND	0.098	0.0049		mg/Kg-dry	50	9/5/2012
Toluene	ND	0.25	0.0049		mg/Kg-dry	50	9/5/2012
Ethylbenzene	6.2	0.25	0.0049		mg/Kg-dry	50	9/5/2012
Xylenes, Total	15	0.74	0.025		mg/Kg-dry	50	9/5/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	4.6	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
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Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-058

Client Sample ID: WS-11-1
Collection Date: 8/24/2012 4:20:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**			Prep Date: **8/30/2012**		Analyst: **DM**
Acenaphthene	ND	0.034	0.016		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.034	0.012		mg/Kg-dry	1	8/31/2012
Anthracene	ND	0.034	0.011		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	ND	0.034	0.016		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	ND	0.034	0.013		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.034	0.024		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.034	0.013		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.034	0.058		mg/Kg-dry	1	8/31/2012
Chrysene	ND	0.034	0.011		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.034	0.016		mg/Kg-dry	1	8/31/2012
Fluoranthene	ND	0.034	0.024		mg/Kg-dry	1	8/31/2012
Fluorene	ND	0.034	0.016		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.034	0.011		mg/Kg-dry	1	8/31/2012
Naphthalene	0.032	0.034	0.022	J	mg/Kg-dry	1	8/31/2012
Phenanthrene	ND	0.034	0.0093		mg/Kg-dry	1	8/31/2012
Pyrene	ND	0.034	0.021		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **ERP**
Benzene	0.00074	0.0048	0.000096	J	mg/Kg-dry	1	9/5/2012
Toluene	0.0024	0.0048	0.000096	J	mg/Kg-dry	1	9/5/2012
Ethylbenzene	0.026	0.0048	0.000096		mg/Kg-dry	1	9/5/2012
Xylenes, Total	0.059	0.014	0.00048		mg/Kg-dry	1	9/5/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	3.6	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-059

Client Sample ID: WS-11-2
Collection Date: 8/24/2012 4:25:00 PM
Matrix: SOIL

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
Semivolatile Organic Compounds by GC/MS		**SW8270C (SW3550B)**			Prep Date: **8/31/2012**		Analyst: **DM**
Acenaphthene	0.044	0.036	0.016		mg/Kg-dry	1	8/31/2012
Acenaphthylene	ND	0.036	0.013		mg/Kg-dry	1	8/31/2012
Anthracene	0.037	0.036	0.012		mg/Kg-dry	1	8/31/2012
Benz(a)anthracene	ND	0.036	0.016		mg/Kg-dry	1	8/31/2012
Benzo(a)pyrene	ND	0.036	0.014		mg/Kg-dry	1	8/31/2012
Benzo(b)fluoranthene	ND	0.036	0.025		mg/Kg-dry	1	8/31/2012
Benzo(g,h,i)perylene	ND	0.036	0.014		mg/Kg-dry	1	8/31/2012
Benzo(k)fluoranthene	ND	0.036	0.061		mg/Kg-dry	1	8/31/2012
Chrysene	ND	0.036	0.012		mg/Kg-dry	1	8/31/2012
Dibenz(a,h)anthracene	ND	0.036	0.016		mg/Kg-dry	1	8/31/2012
Fluoranthene	0.030	0.036	0.025	J	mg/Kg-dry	1	8/31/2012
Fluorene	0.084	0.036	0.016		mg/Kg-dry	1	8/31/2012
Indeno(1,2,3-cd)pyrene	ND	0.036	0.012		mg/Kg-dry	1	8/31/2012
Naphthalene	1.7	0.036	0.023		mg/Kg-dry	1	8/31/2012
Phenanthrene	0.17	0.036	0.0098		mg/Kg-dry	1	8/31/2012
Pyrene	0.046	0.036	0.022		mg/Kg-dry	1	8/31/2012
BTEX by GC/MS		**SW5035/8260B**			Prep Date: **8/28/2012**		Analyst: **ERP**
Benzene	0.23	0.23	0.0046		mg/Kg-dry	50	9/5/2012
Toluene	1.6	0.23	0.0046		mg/Kg-dry	50	9/5/2012
Ethylbenzene	98	2.3	0.046		mg/Kg-dry	500	9/5/2012
Xylenes, Total	280	6.9	0.23		mg/Kg-dry	500	9/5/2012
Percent Moisture		**D2974**			Prep Date: **8/28/2012**		Analyst: **RW**
Percent Moisture	8.3	0.2	0.11	*	wt%	1	8/29/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Date Printed: September 17, 2012

CLIENT: Camp, Dresser and McKee
Lab Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Lab ID: 12080876-060

Client Sample ID: Trip Blank
Collection Date 8/24/2012
Matrix: WATER

Analyses	Result	RL	MDL	Qualifier	Units	DF	Date Analyzed
BTEX by GC/MS		**SW8260B (SW5030B)**		Prep Date:			Analyst: **ERP**
Benzene	0.00028	0.005	0.0002	J	mg/L	1	8/30/2012
Toluene	ND	0.005	0.0003		mg/L	1	8/30/2012
Ethylbenzene	ND	0.005	0.0002		mg/L	1	8/30/2012
Xylenes, Total	ND	0.015	0.0008		mg/L	1	8/30/2012

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below reporting limit
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL/MDL - Reporting Limit / Method Detection Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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CHAIN OF CUSTODY RECORD

Nº: 844881 Page: 1 of 4

Company: CDM Smith
Project Number:
Client Tracking No.:
Project Name: OMNItrax Wedron
Project Location: Wedron IL
Sampler(s): Dom
Report To: Chris Albrecht
Phone: 312-376-5000
Fax: 312-346-5228
e-mail: Albrechtc@cdmsmith.com
QC Level: 1 ___ 2 ___ 3 ___ 4 ___
P.O. No.:
Quote No.:
Turn Around: Standard
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	BTEX	Lead	PNAs	Remarks	Lab No.
UST-1-1	8/23/12	830	S		X			X	X			001
UST-1-2		840										002
UST-2-1		915										003
UST-2-2		925										004
UST-3-1		935									Analyze PNA	005
UST-3-2		940									Unleaded [illegible]	006
UST-?-1		1005									Lead	007
UST-4-2		1010										008
UST-5-1		1040										009
UST-5-2		1045										010
UST-6-1		11:00										011
UST-6-2		11:05							X			012
WS-1-1		12:35								X		013
WS-1-2		13:00										014
WS-2-1		14:40									HOLD	015
WS-2-2		14:45									HOLD	016
X WS-2-3		1450									•	017
WS-2-4		1455									HOLD	018
WS-2-5		1500									HOLD	019
WS-2-6		1505									HOLD	020

Relinquished by: (Signature) [signature] Date/Time: 8/27/12 8:00
Received by: (Signature) [signature] Date/Time: 8/27/12 8:00
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments: Report Random Samples Done by STAT

Preservation Code: A = None B = HNO_3 C = NaOH D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 12080876
Received on Ice: Yes [X] No [ ]
Temperature: 5.2 °C

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e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

CHAIN OF CUSTODY RECORD

Nº: 844880 Page : 2 of 4

Company: CDM SMITH
Project Number: Client Tracking No.:
Project Name: OMNITECH Wedron
Project Location: Wedron IL
Sampler(s): DEM
Report To: Chris Albrecht Phone: 312-346-5080
Fax: 312-346-5228
QC Level: 1 2 3 4 e-mail: AlbrechtaC@CDMSMITH.com
P.O. No.:
Quote No.:
Turn Around: Standard
Results Needed: / / mm/pm

	Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	BTEX	PAHs	Remarks	Lab No.:
	WS-3-1	8/23/12	15:35	S		X		4	X	X	HOLD	021
X	WS-3-2		15:40									022
	WS-3-3		15:45								HOLD	023
	WS-3-4		15:50								HOLD	024
	WS-3-5		15:55								HOLD	025
	WS-4-1		16:00								HOLD	026
	WS-4-2		16:05								HOLD	027
X	WS-4-3		16:10									028
	WS-4-4		16:15								HOLD	029

Relinquished by: (Signature) Date/Time: 8/24/12 815
Received by: (Signature) Date/Time: 8/23/12 FW
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments:

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 12080876

Received on Ice: Yes [X] No [ ]
Temperature: 5.2 °C

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CHAIN OF CUSTODY RECORD

№: 844878 Page: 3 of 4

Company: COM Smith
Project Number: Client Tracking No.:
Project Name: OMNITREX Wedron
Project Location: Wedron, IL
Sampler(s): DCM
Report To: Chris Albrecht Phone: 1-312-346-5700
Fax: 1312-346-5228
e-mail: AlbrechtC@COMSmith.com

P.O. No.:
Quote No.:

Turn Around: Standard
Results Needed: / / am/pm

QC Level: 1 2 3 4

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	BTEX PAHs	Remarks	Lab No.:
SRA-1-1	8/24/12	840	S		X		4	X X		030
SRA-1-2		845	S							031
SRA-2-1		855	S							032
SRA-2-2		900	S							033
SRA-3-1		910	S							034
SRA-3-2		915	S							035
SRA-4-1		950	S							036
SRA-4-2		955	S							037
SRA-5-1		11:05	S							038
SRA-5-2		11:05	S							039
Blank PZ-1		11:45	W							040
WS-5-1		11:45	S						HOLD	041
WS-5-2		11:50	S						HOLD	042
X WS-5-3		11:55	S							043
X WS-5-4		1200	S							044
WS-6-1		1235	S						HOLD	045
X WS-6-2		1240	S							046
WS-6-3		1250	S						HOLD	047

Relinquished by: (Signature) Date/Time: 8/24/12 1600
Received by: (Signature) Date/Time: 8/27/12 810
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments:

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 1208076

Received on Ice: Yes [X] No [ ]

Temperature: 5.2 °C

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CHAIN OF CUSTODY RECORD

№: 844879 Page: 4 of 4

Company: COM Smith
Project Number: Client Tracking No.:
Project Name: OMNItrox Wedron
Project Location: Wedron IL
Sampler(s): DCM
Report To: Chris Albrecht Phone: 317-346-5000
Fax: 317-346-5228
e-mail: AlbrechtC@COMSMITH.com
QC Level: 1 2 3 4

P.O. No.:
Quote No.:

Turn Around: Standard
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp	Grab	Preserv.	No. of Containers	BTEX	PNAs	Remarks	Lab No.:
WS-7-1	8/24/12	1300	S		X		4	X	X	HOLD	048
WS-7-2		1305					4			HOLD	049
WS-7-3		1310					4				050
WS-7-4		1315					4				051
WS-8-1		1345					4				052
WS-8-2		1350					4				053
WS-8-3		1355					4				054
MS MSD		1358					8				053
WS-9-1		1500					4				055
WS-9-2		1505					4				056
WS-10-1		1555					4				057
WS-11-1		1620					4				058
WS-11-2		1625					4				059
TRIP Blank	8/24/12	—	W				3	X			060

53 of 91

Relinquished by: (Signature) Date/Time: 8/27/12 800
Received by: (Signature) Date/Time: 8/27/12 8:10
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments:

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 1208876
Received on Ice: Yes [X] No [ ]
Temperature: 5.2 °C

STAT Analysis Corporation

Sample Receipt Checklist

Client Name CDM | Date and Time Received: 8/27/2012 8:10:00 AM

Work Order Number 12080876 | Received by: DJ

Checklist completed by: _____ 8/27/12 (Signature / Date) | Reviewed by: CL 8/28/12 (Initials / Date)

Matrix: | Carrier name: Client Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample contalners intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 5.2 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☒	Yes ☒	No ☒
Water - Samples pH checked?	Yes ☒	No ☒	Checked by: _____
Water - Samples properly preserved?	Yes ☒	No ☒	pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____ Date contacted: _____ Contacted by: _____

Response: _____

Chris Forst

From: Albrecht, Chris [AlbrechtCA@cdmsmith.com]
Sent: Wednesday, August 29, 2012 3:45 PM
To: Chris Forst
Subject: RE: Omnitrax Wedron, Wedron, IL

Chris – please run TPH on samples WS-2-3, WS-3-2. WS-5-2, and WS-10-1. Would these results be available at the same time as the original submittal?

Also, I will have to write a separate report eventually for the 10 samples labeled SRA. Can these results be included in a separate report?

Christopher A. Albrecht | Sr. Project Manager | CDM Smith | 125 S. Wacker Drive - Suite 600 | Chicago, IL 60606 | T: 312.780.7743 | www.cdmsmith.com

From: Chris Forst [mailto:CForst@STATAnalysis.com]
Sent: Wednesday, August 29, 2012 2:58 PM
To: Albrecht, Chris; Albrecht, Chris
Subject: Omnitrax Wedron, Wedron, IL

Mr. Chris Albrecht,

WS-8-3, WS-9-1, WS-9-2, WS-11-1 and WS-11-2 are in 2oz Jars. The MS/MSD Sample WS-8-2 has one 4oz Jar and two 2oz Jars.

Chris Forst
Project Manager
STAT Analysis Corp.
2242 W. Harrison, Suite 200
Chicago, IL 60612
(312) 733-0551

STAT Analysis Corporation

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Test No: SW8260B **Matrix:** W

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
VBLK083012A-7	102	99.2	108	106				
VLCS083012A-7	104	101	104	103				
VLCSD083012A-7	104	101	105	102				
12080876-060A	98.5	101	105	102				
12080876-040A	97.7	99.2	102	105				
FBLK082912-7	100	97.8	105	96.4				
ZBLK082912-7	95.6	100	105	99.2				

Acronym		Surrogate	QC Limits
BR4FBZ	=	4-Bromofluorobenzene	86-115
BZMED8	=	Toluene-d8	88-110
DBFM	=	Dibromofluoromethane	86-118
DCA12D4	=	1,2-Dichloroethane-d4	80-120

*** Surrogate recovery outside acceptance limits**

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R82956

Sample ID: FBLK082912-7	SampType: MBLK	TestCode: VOC_TCLP+	Units: mg/L	Prep Date:	Run ID: VOA-7_120830A
Client ID: ZZZZZ	Batch ID: R82956	TestNo: SW1311/8260		Analysis Date: 8/31/2012	SeqNo: 2231821

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.050									
Ethylbenzene	ND	0.050									
Toluene	ND	0.050									
Xylenes, Total	ND	0.15									

Sample ID: ZBLK082912-7	SampType: MBLK	TestCode: VOC_TCLP+	Units: mg/L	Prep Date:	Run ID: VOA-7_120830A
Client ID: ZZZZZ	Batch ID: R82956	TestNo: SW1311/8260		Analysis Date: 8/31/2012	SeqNo: 2231830

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.050									
Ethylbenzene	ND	0.050									
Toluene	ND	0.050									
Xylenes, Total	ND	0.15									

Sample ID: VBLK083012A-7	SampType: MBLK	TestCode: VOC_W+	Units: mg/L	Prep Date:	Run ID: VOA-7_120830A
Client ID: ZZZZZ	Batch ID: R82956	TestNo: SW8260B		Analysis Date: 8/30/2012	SeqNo: 2231797

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0050									
Ethylbenzene	ND	0.0050									
Toluene	ND	0.0050									
Xylenes, Total	ND	0.015									

Sample ID: VLCS083012A-7	SampType: LCS	TestCode: VOC_W+	Units: mg/L	Prep Date:	Run ID: VOA-7_120830A
Client ID: ZZZZZ	Batch ID: R82956	TestNo: SW8260B		Analysis Date: 8/30/2012	SeqNo: 2231802

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.0214	0.0050	0.02	0	107	70	130	0	0		
Ethylbenzene	0.02195	0.0050	0.02	0	110	70	130	0	0		
Toluene	0.0214	0.0050	0.02	0	107	70	130	0	0		
Xylenes, Total	0.06906	0.015	0.06	0	115	70	130	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R82956

Sample ID: **VLCSD083012A-7** SampType: **LCSD** TestCode: **VOC_W+** Units: **mg/L** Prep Date: Run ID: **VOA-7_120830A**
Client ID: ZZZZZ Batch ID: **R82956** TestNo: **SW8260B** Analysis Date: **8/30/2012** SeqNo: **2231803**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.02197	0.0050	0.02	0	110	70	130	0.0214	2.63	20	
Ethylbenzene	0.02284	0.0050	0.02	0	114	70	130	0.02195	3.97	20	
Toluene	0.02193	0.0050	0.02	0	110	70	130	0.0214	2.45	20	
Xylenes, Total	0.07196	0.015	0.06	0	120	70	130	0.06906	4.11	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

STAT Analysis Corporation

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Test No: SW5035/8260B **Matrix:** S

QC SUMMARY REPORT SURROGATE RECOVERIES

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
12080876-043A:50	101	127 *	109	108				
12080876-054A:50	98.7	102	98.4	97.9				
12080876-056A:50	104	149 *	98.0	100				
12080876-057A:50	101	104	101	97.2				
12080876-059A:500	104	104	96.2	97.8				
12080876-052A	95.5	99.4	103	110				
12080876-055A	91.5	99.5	97.9	112				
12080876-058A	97.8	102	93.7	105				
12080876-017A:50	108	133 *	108	107				
12080876-059A:50	110 *	118 *	106	101				
VBLK090212-7	91.1	98.5	99.2	95.6				
VLCS090212-7	101	98.4	96.6	95.6				
VLCSD090212-7	99.8	98.4	97.9	95.8				
12080876-001A	98.1	99.0	99.4	110				
12080876-002A	100	101	95.6	108				
12080876-003A	94.9	96.8	101	107				
12080876-004A	97.1	98.8	97.5	107				
12080876-005A	97.9	100	95.7	106				
12080876-006A	97.2	97.2	97.1	108				
12080876-007A	98.4	99.3	112	115				
12080876-008A	99.3	97.2	98.9	102				
12080876-009A	97.2	95.9	101	108				
12080876-010A	95.1	101	97.7	105				
12080876-011A	98.5	98.6	95.7	104				
12080876-012A	93.3	97.9	96.6	108				
12080876-013A	77.2	95.9	100	111				
12080876-014A	95.2	97.7	97.0	111				

Acronym		Surrogate	QC Limits
BR4FBZ	=	4-Bromofluorobenzene	63-110
BR4FBZ	=	4-Bromofluorobenzene	44-114
BZMED8	=	Toluene-d8	85-110
BZMED8	=	Toluene-d8	62-122
DBFM	=	Dibromofluoromethane	83-119
DBFM	=	Dibromofluoromethane	74-150
DCA12D4	=	1,2-Dichloroethane-d4	84-129
DCA12D4	=	1,2-Dichloroethane-d4	78-160

*** Surrogate recovery outside acceptance limits**

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Test No: SW5035/8260B **Matrix:** S

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	BR4FBZ	BZMED8	DBFM	DCA12D4				
VBLK090312-7	96.7	99.8	99.7	101				
VLCS090312-7	103	102	99.4	99.6				
VLCSD090312-7	102	99.6	96.1	101				
12080876-028A	105	101	91.4	103				
12080876-030A	85.4	93.5	87.1	95.2				
12080876-031A	97.5	98.5	97.1	102				
12080876-032A	98.6	99.6	96.4	102				
12080876-033A	93.3	98.8	101	105				
12080876-034A	99.1	102	97.8	112				
12080876-035A	94.7	97.4	101	103				
12080876-037A	93.9	98.4	99.9	102				
12080876-039A	98.7	98.8	97.0	108				
VBLK090412-7	95.9	98.1	95.9	98.8				
VLCS090412-7	95.4	100	96.0	99.1				
VLCSD090412-7	96.2	100	93.2	93.8				
12080876-022A	96.8	100	98.2	107				
12080876-036A	94.6	99.1	102	106				
12080876-017A:500	104	99.7	94.0	91.5				
12080876-046A:50	104	99.2	93.1	94.9				
12080876-051A:50	99.9	98.9	91.3	95.0				
12080876-053A:50	111 *	102	89.2	94.6				
12080876-053AMS	104	99.2	90.1	92.9				
12080876-053AMSD	100	102	86.1	88.9				
12080876-044A	91.0	94.2	92.9	97.3				
12080876-050A	103	96.5	93.6	105				

Acronym		Surrogate	QC Limits
BR4FBZ	=	4-Bromofluorobenzene	63-110
BR4FBZ	=	4-Bromofluorobenzene	44-114
BZMED8	=	Toluene-d8	85-110
BZMED8	=	Toluene-d8	62-122
DBFM	=	Dibromofluoromethane	83-119
DBFM	=	Dibromofluoromethane	74-150
DCA12D4	=	1,2-Dichloroethane-d4	84-129
DCA12D4	=	1,2-Dichloroethane-d4	78-160

*** Surrogate recovery outside acceptance limits**

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R82991

Sample ID: VBLK090212-7	SampType: MBLK	TestCode: VOC_ENCOR	Units: mg/Kg	Prep Date:	Run ID: VOA-7_120902A
Client ID: ZZZZZ	Batch ID: R82991	TestNo: SW5035/8260		Analysis Date: 9/2/2012	SeqNo: 2232309

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0050									
Ethylbenzene	ND	0.0050									
Toluene	ND	0.0050									
Xylenes, Total	ND	0.015									

Sample ID: VLCS090212-7	SampType: LCS	TestCode: VOC_ENCOR	Units: mg/Kg	Prep Date:	Run ID: VOA-7_120902A
Client ID: ZZZZZ	Batch ID: R82991	TestNo: SW5035/8260		Analysis Date: 9/2/2012	SeqNo: 2232310

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.0505	0.0050	0.05	0	101	70	130	0	0		
Ethylbenzene	0.05556	0.0050	0.05	0	111	70	130	0	0		
Toluene	0.05356	0.0050	0.05	0	107	70	130	0	0		
Xylenes, Total	0.171	0.015	0.15	0	114	70	130	0	0		

Sample ID: VLCSD090212-7	SampType: LCSD	TestCode: VOC_ENCOR	Units: mg/Kg	Prep Date:	Run ID: VOA-7_120902A
Client ID: ZZZZZ	Batch ID: R82991	TestNo: SW5035/8260		Analysis Date: 9/2/2012	SeqNo: 2232311

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.05021	0.0050	0.05	0	100	70	130	0.0505	0.576	20	
Ethylbenzene	0.05541	0.0050	0.05	0	111	70	130	0.05556	0.270	20	
Toluene	0.05337	0.0050	0.05	0	107	70	130	0.05356	0.355	20	
Xylenes, Total	0.1723	0.015	0.15	0	115	70	130	0.171	0.757	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R82995

Sample ID: VBLK090312-7	SampType: MBLK	TestCode: VOC_ENCOR	Units: mg/Kg	Prep Date:	Run ID: VOA-7_120903A
Client ID: ZZZZZ	Batch ID: R82995	TestNo: SW5035/8260		Analysis Date: 9/3/2012	SeqNo: 2232507

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0050									
Ethylbenzene	ND	0.0050									
Toluene	ND	0.0050									
Xylenes, Total	ND	0.015									

Sample ID: VLCS090312-7	SampType: LCS	TestCode: VOC_ENCOR	Units: mg/Kg	Prep Date:	Run ID: VOA-7_120903A
Client ID: ZZZZZ	Batch ID: R82995	TestNo: SW5035/8260		Analysis Date: 9/3/2012	SeqNo: 2232508

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.04931	0.0050	0.05	0	98.6	70	130	0	0		
Ethylbenzene	0.05325	0.0050	0.05	0	106	70	130	0	0		
Toluene	0.05306	0.0050	0.05	0	106	70	130	0	0		
Xylenes, Total	0.168	0.015	0.15	0	112	70	130	0	0		

Sample ID: VLCSD090312-7	SampType: LCSD	TestCode: VOC_ENCOR	Units: mg/Kg	Prep Date:	Run ID: VOA-7_120903A
Client ID: ZZZZZ	Batch ID: R82995	TestNo: SW5035/8260		Analysis Date: 9/3/2012	SeqNo: 2232509

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.04938	0.0050	0.05	0	98.8	70	130	0.04931	0.142	20	
Ethylbenzene	0.05352	0.0050	0.05	0	107	70	130	0.05325	0.506	20	
Toluene	0.05291	0.0050	0.05	0	106	70	130	0.05306	0.283	20	
Xylenes, Total	0.1684	0.015	0.15	0	112	70	130	0.168	0.226	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R83027

Sample ID: 12080876-053AMS	SampType: MS	TestCode: VOC_5035+	Units: mg/Kg-dry	Prep Date: 8/28/2012	Run ID: VOA-7_120904A
Client ID: WS-8-2	Batch ID: R83027	TestNo: SW5035/8260		Analysis Date: 9/4/2012	SeqNo: 2233550

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	2.67	0.27	2.664	0	100	70	130	0	0		
Ethylbenzene	3.067	0.27	2.664	0.07247	112	70	130	0	0		
Toluene	2.742	0.27	2.664	0	103	70	130	0	0		
Xylenes, Total	9.409	0.80	7.993	0.0325	117	70	130	0	0		

Sample ID: 12080876-053AMSD	SampType: MSD	TestCode: VOC_5035+	Units: mg/Kg-dry	Prep Date: 8/28/2012	Run ID: VOA-7_120904A
Client ID: WS-8-2	Batch ID: R83027	TestNo: SW5035/8260		Analysis Date: 9/4/2012	SeqNo: 2233551

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	2.61	0.27	2.664	0	98	70	130	2.67	2.28	25	
Ethylbenzene	2.878	0.27	2.664	0.07247	105	70	130	3.067	6.35	25	
Toluene	2.647	0.27	2.664	0	99.4	70	130	2.742	3.52	25	
Xylenes, Total	8.882	0.80	7.993	0.0325	111	70	130	9.409	5.76	25	

Sample ID: VBLK090412-7	SampType: MBLK	TestCode: VOC_ENCOR	Units: mg/Kg	Prep Date:	Run ID: VOA-7_120904A
Client ID: ZZZZZ	Batch ID: R83027	TestNo: SW5035/8260		Analysis Date: 9/4/2012	SeqNo: 2233304

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0050									
Ethylbenzene	0.00045	0.0050									J
Toluene	0.00026	0.0050									J
Xylenes, Total	0.00149	0.015									J

Sample ID: VLCS090412-7	SampType: LCS	TestCode: VOC_ENCOR	Units: mg/Kg	Prep Date:	Run ID: VOA-7_120904A
Client ID: ZZZZZ	Batch ID: R83027	TestNo: SW5035/8260		Analysis Date: 9/4/2012	SeqNo: 2233305

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.04991	0.0050	0.05	0	99.8	70	130	0	0		
Ethylbenzene	0.05256	0.0050	0.05	0.00045	104	70	130	0	0		
Toluene	0.05191	0.0050	0.05	0.00026	103	70	130	0	0		
Xylenes, Total	0.1642	0.015	0.15	0.00149	108	70	130	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R83027

Sample ID: **VLCSD090412-7** SampType: **LCSD** TestCode: **VOC_ENCOR** Units: **mg/Kg** Prep Date: Run ID: **VOA-7_120904A**
Client ID: ZZZZZ Batch ID: **R83027** TestNo: **SW5035/8260** Analysis Date: **9/4/2012** SeqNo: **2233306**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.05098	0.0050	0.05	0	102	70	130	0.04991	2.12	20	
Ethylbenzene	0.05436	0.0050	0.05	0.00045	108	70	130	0.05256	3.37	20	
Toluene	0.05349	0.0050	0.05	0.00026	106	70	130	0.05191	3.00	20	
Xylenes, Total	0.1687	0.015	0.15	0.00149	111	70	130	0.1642	2.75	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R83034

Sample ID: **VBLK090512-1** SampType: **MBLK** TestCode: **VOC_ENCOR** Units: **mg/Kg** Prep Date: Run ID: **VOA-1_120905A**
Client ID: **ZZZZZ** Batch ID: **R83034** TestNo: **SW5035/8260** Analysis Date: **9/5/2012** SeqNo: **2233507**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.0050									
Ethylbenzene	ND	0.0050									
Toluene	ND	0.0050									
Xylenes, Total	ND	0.015									

Sample ID: **VLCS090512-1** SampType: **LCS** TestCode: **VOC_ENCOR** Units: **mg/Kg** Prep Date: Run ID: **VOA-1_120905A**
Client ID: **ZZZZZ** Batch ID: **R83034** TestNo: **SW5035/8260** Analysis Date: **9/5/2012** SeqNo: **2233509**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.04826	0.0050	0.05	0	96.5	70	130	0	0		
Ethylbenzene	0.05194	0.0050	0.05	0	104	70	130	0	0		
Toluene	0.0509	0.0050	0.05	0	102	70	130	0	0		
Xylenes, Total	0.1615	0.015	0.15	0	108	70	130	0	0		

Sample ID: **VLCSD090512-1** SampType: **LCSD** TestCode: **VOC_ENCOR** Units: **mg/Kg** Prep Date: Run ID: **VOA-1_120905A**
Client ID: **ZZZZZ** Batch ID: **R83034** TestNo: **SW5035/8260** Analysis Date: **9/5/2012** SeqNo: **2233511**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	0.04947	0.0050	0.05	0	98.9	70	130	0.04826	2.48	20	
Ethylbenzene	0.05434	0.0050	0.05	0	109	70	130	0.05194	4.52	20	
Toluene	0.05148	0.0050	0.05	0	103	70	130	0.0509	1.13	20	
Xylenes, Total	0.1652	0.015	0.15	0	110	70	130	0.1615	2.28	20	

Sample ID: **ZBLK082912** SampType: **MBLK** TestCode: **VOC_TCLP+** Units: **mg/L** Prep Date: Run ID: **VOA-1_120905A**
Client ID: **ZZZZZ** Batch ID: **R83034** TestNo: **SW1311/8260** Analysis Date: **9/5/2012** SeqNo: **2233515**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.050									
Ethylbenzene	ND	0.050									
Toluene	ND	0.050									
Xylenes, Total	ND	0.15									

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

STAT Analysis Corporation

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Test No: SW8270C-SIM **Matrix:** W

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	DCBZ12D4	NO2BZD5	PHEN2F	PHEND14				
MB-64517-PNA	46.0	52.2	56.2	76.6				
LCS-64517-PNA	51.4	60.6	62.8	72.2				
LCSD-64517-PNA	60.8	69.0	67.0	77.6				
12080876-040B	64.4	70.8	68.0	79.6				

Acronym		Surrogate	QC Limits
DCBZ12D4	=	1,2-Dichlorobenzene-d4	16-110
NO2BZD5	=	Nitrobenzene-d5	35-114
PHEN2F	=	2-Fluorobiphenyl	43-116
PHEND14	=	4-Terphenyl-d14	33-141

*** Surrogate recovery outside acceptance limits**

STAT Analysis Corporation

PREP BATCH REPORT

Prep Start Date: **8/28/2012 12:37:24**
Prep End Date:

Prep Batch **64517** Prep Code: **3510_PNA** Technician: **VSH**

Prep Factor Units: **mL / L**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-64517-PNA			1	0	0	1	1.000	8/28/2012	8/28/2012
LCS-64517-PNA			1	0	0	1	1.000	8/28/2012	8/28/2012
LCSD-64517-PNA			1	0	0	1	1.000	8/28/2012	8/28/2012
12080876-040B	Water		1	0	0	1	1.000	8/28/2012	8/28/2012

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64517

Sample ID: MB-64517-PNA	SampType: MBLK	TestCode: PNA_WATER	Units: mg/L	Prep Date: 8/28/2012	Run ID: SVOC-7_120828A
Client ID: ZZZZZ	Batch ID: 64517	TestNo: SW8270C-SI		Analysis Date: 8/28/2012	SeqNo: 2229522

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.0010									
Acenaphthylene	ND	0.0010									
Anthracene	ND	0.0010									
Benz(a)anthracene	ND	0.00010									
Benzo(a)pyrene	ND	0.00010									
Benzo(b)fluoranthene	ND	0.00010									
Benzo(g,h,i)perylene	ND	0.0010									
Benzo(k)fluoranthene	ND	0.00010									
Chrysene	ND	0.00010									
Dibenz(a,h)anthracene	ND	0.00010									
Fluoranthene	ND	0.0010									
Fluorene	ND	0.0010									
Indeno(1,2,3-cd)pyrene	ND	0.00010									
Naphthalene	ND	0.0010									
Phenanthrene	ND	0.0010									
Pyrene	ND	0.0010									

Sample ID: LCS-64517-PNA	SampType: LCS	TestCode: PNA_WATER	Units: mg/L	Prep Date: 8/28/2012	Run ID: SVOC-7_120828A
Client ID: ZZZZZ	Batch ID: 64517	TestNo: SW8270C-SI		Analysis Date: 8/28/2012	SeqNo: 2229523

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.00365	0.0010	0.005	0	73	50	125	0	0		
Acenaphthylene	0.00385	0.0010	0.005	0	77	50	125	0	0		
Anthracene	0.00416	0.0010	0.005	0	83.2	50	125	0	0		
Benz(a)anthracene	0.00387	0.00010	0.005	0	77.4	50	125	0	0		
Benzo(a)pyrene	0.00366	0.00010	0.005	0	73.2	50	125	0	0		
Benzo(b)fluoranthene	0.00402	0.00010	0.005	0	80.4	50	125	0	0		
Benzo(g,h,i)perylene	0.00356	0.0010	0.005	0	71.2	50	125	0	0		
Benzo(k)fluoranthene	0.00389	0.00010	0.005	0	77.8	50	125	0	0		
Chrysene	0.00389	0.00010	0.005	0	77.8	50	125	0	0		
Dibenz(a,h)anthracene	0.00373	0.00010	0.005	0	74.6	50	125	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64517

Sample ID: LCS-64517-PNA	SampType: LCS	TestCode: PNA_WATER	Units: mg/L	Prep Date: 8/28/2012	Run ID: SVOC-7_120828A
Client ID: ZZZZZ	Batch ID: 64517	TestNo: SW8270C-SI		Analysis Date: 8/28/2012	SeqNo: 2229523

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Fluoranthene	0.00417	0.0010	0.005	0	83.4	50	125	0	0		
Fluorene	0.00392	0.0010	0.005	0	78.4	50	125	0	0		
Indeno(1,2,3-cd)pyrene	0.00378	0.00010	0.005	0	75.6	50	125	0	0		
Naphthalene	0.00348	0.0010	0.005	0	69.6	50	125	0	0		
Phenanthrene	0.0039	0.0010	0.005	0	78	50	125	0	0		
Pyrene	0.00398	0.0010	0.005	0	79.6	50	125	0	0		

Sample ID: LCSD-64517-PNA	SampType: LCSD	TestCode: PNA_WATER	Units: mg/L	Prep Date: 8/28/2012	Run ID: SVOC-7_120828A
Client ID: ZZZZZ	Batch ID: 64517	TestNo: SW8270C-SI		Analysis Date: 8/28/2012	SeqNo: 2229524

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.00402	0.0010	0.005	0	80.4	50	125	0.00365	9.65	25	
Acenaphthylene	0.00409	0.0010	0.005	0	81.8	50	125	0.00385	6.05	25	
Anthracene	0.00437	0.0010	0.005	0	87.4	50	125	0.00416	4.92	25	
Benz(a)anthracene	0.00419	0.00010	0.005	0	83.8	50	125	0.00387	7.94	25	
Benzo(a)pyrene	0.00396	0.00010	0.005	0	79.2	50	125	0.00366	7.87	25	
Benzo(b)fluoranthene	0.00454	0.00010	0.005	0	90.8	50	125	0.00402	12.1	25	
Benzo(g,h,i)perylene	0.00391	0.0010	0.005	0	78.2	50	125	0.00356	9.37	25	
Benzo(k)fluoranthene	0.00403	0.00010	0.005	0	80.6	50	125	0.00389	3.54	25	
Chrysene	0.00417	0.00010	0.005	0	83.4	50	125	0.00389	6.95	25	
Dibenz(a,h)anthracene	0.00401	0.00010	0.005	0	80.2	50	125	0.00373	7.24	25	
Fluoranthene	0.00459	0.0010	0.005	0	91.8	50	125	0.00417	9.59	25	
Fluorene	0.00416	0.0010	0.005	0	83.2	50	125	0.00392	5.94	25	
Indeno(1,2,3-cd)pyrene	0.00404	0.00010	0.005	0	80.8	50	125	0.00378	6.65	25	
Naphthalene	0.00388	0.0010	0.005	0	77.6	50	125	0.00348	10.9	25	
Phenanthrene	0.00419	0.0010	0.005	0	83.8	50	125	0.0039	7.17	25	
Pyrene	0.00429	0.0010	0.005	0	85.8	50	125	0.00398	7.50	25	

Qualifiers:
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R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

STAT Analysis Corporation

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Test No: SW8270C **Matrix:** S

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	CLPH2D4	DCBZ12D4	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14
12080876-053B	74.6	77.9	82.2	99.8	69.9	83.1	87.9	111
MB-64573-SVOC	57.8	62.1	63.2	74.3	55.0	63.5	67.8	105
LCS-64573-SVOC	48.9	46.8	51.3	64.3	44.3	52.5	53.6	73.8
12080876-036B	50.0	45.0	53.8	69.0	46.5	56.3	55.0	78.8
12080876-037B	58.5	57.4	63.0	82.6	50.7	65.6	68.0	103
12080876-038B	39.5	40.1	43.1	85.5	35.5	43.4	46.1	104
12080876-039B	59.7	58.4	62.9	83.9	55.7	67.4	69.0	88.6
12080876-043B	46.9	46.9	50.9	88.3	43.8	53.0	58.6	106
12080876-044B	73.2	73.8	77.5	91.0	68.7	80.5	77.5	96.0
12080876-046B	50.2	52.5	58.0	81.6	44.6	56.0	59.6	101
12080876-053BMS	53.3	55.8	62.5	89.4	46.9	58.3	64.9	96.9
12080876-053BMSD	51.2	49.2	59.0	71.3	45.8	57.1	58.5	70.6
12080876-056B	77.3	83.7	79.9	97.3	68.5	86.4	92.6	98.0
12080876-057B	83.8	93.2	93.3	99.4	72.2	88.2	95.7	100
12080876-058B	64.5	70.0	73.9	79.5	55.1	68.8	74.9	83.7
12080876-059B	56.5	61.1	65.7	79.9	47.7	60.5	68.8	88.1
12080876-035BMS	71.3	76.1	85.3	97.5	63.0	78.0	82.5	100
12080876-035BMSD	69.1	73.1	81.4	95.5	58.0	74.8	79.6	103
MB-64614-SVOC	64.3	69.0	74.4	81.7	58.8	69.4	69.2	105
MB-64562-SVOC	66.5	68.2	73.2	86.9	61.9	71.9	75.0	106
LCS-64562-SVOC	76.5	76.0	86.9	104	66.6	80.9	85.7	102
12080876-013B	68.5	71.3	80.0	101	58.9	75.0	81.9	99.7
12080876-014B	74.3	72.5	87.4	92.0	62.1	79.6	85.7	92.0
12080876-017B	76.2	76.6	85.1	102	69.9	82.3	81.7	96.5
12080876-022B	76.4	74.1	87.3	93.1	69.1	84.4	80.5	95.5
12080876-030B	76.2	74.9	90.2	103	63.9	82.5	88.7	105
12080876-031B	61.1	60.6	72.3	84.4	57.2	69.2	69.0	88.7

Acronym		Surrogate	QC Limits
CLPH2D4	=	2-Chlorophenol-d4	20-130
DCBZ12D4	=	1,2-Dichlorobenzene-d4	20-130
NO2BZD5	=	Nitrobenzene-d5	23-120
PH246BR	=	2,4,6-Tribromophenol	19-122
PH2F	=	2-Fluorophenol	25-121
PHD5	=	Phenol-d5	24-113
PHEN2F	=	2-Fluorobiphenyl	30-115
PHEND14	=	4-Terphenyl-d14	18-137

*** Surrogate recovery outside acceptance limits**

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL
Test No: SW8270C **Matrix:** S

QC SUMMARY REPORT
SURROGATE RECOVERIES

Sample ID	CLPH2D4	DCBZ12D4	NO2BZD5	PH246BR	PH2F	PHD5	PHEN2F	PHEND14
12080876-032B	43.7	43.0	51.6	52.0	39.4	48.6	45.8	57.3
12080876-033B	78.2	76.5	94.1	98.7	73.0	89.5	84.8	94.2
12080876-034B	82.0	80.1	97.6	99.6	75.5	92.5	86.1	101
12080876-035B	75.5	72.4	90.2	90.1	68.6	85.5	79.0	88.7
12080876-050B	36.9	35.2	45.6	74.3	34.1	43.5	45.0	93.6
12080876-051B	42.7	39.8	52.4	75.5	41.1	51.2	52.7	86.3
12080876-052B	55.0	51.5	67.2	86.0	51.1	67.2	62.6	94.2
12080876-054B	69.9	68.2	86.3	94.1	64.3	81.2	74.8	96.8
12080876-055B	70.7	68.1	86.7	84.9	63.8	78.8	74.9	84.9
12081071-001BMS	73.5	71.9	83.0	111	63.6	79.4	86.4	106
12081071-001BMSD	79.7	78.1	89.9	117	71.2	85.5	91.0	104
LCS-64614-SVOC	83.1	82.9	95.1	117	71.6	87.7	91.6	106

Acronym		Surrogate	QC Limits
CLPH2D4	=	2-Chlorophenol-d4	20-130
DCBZ12D4	=	1,2-Dichlorobenzene-d4	20-130
NO2BZD5	=	Nitrobenzene-d5	23-120
PH246BR	=	2,4,6-Tribromophenol	19-122
PH2F	=	2-Fluorophenol	25-121
PHD5	=	Phenol-d5	24-113
PHEN2F	=	2-Fluorobiphenyl	30-115
PHEND14	=	4-Terphenyl-d14	18-137

*** Surrogate recovery outside acceptance limits**

STAT Analysis Corporation

PREP BATCH REPORT

Prep Start Date: **8/30/2012 12:46:38**
Prep End Date:

Prep Batch **64562** Prep Code: **3550_SVOC** Technician: **FAC**

Prep Factor Units: **mL / Kg**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-64562-SVOC			0.03	0	0	1	33.333	8/30/2012	8/30/2012
LCS-64562-SVOC			0.03	0	0	1	33.333	8/30/2012	8/30/2012
12080876-013B	Soil		0.03012	0	0	1	33.201	8/30/2012	8/30/2012
12080876-014B	Soil		0.03006	0	0	1	33.267	8/30/2012	8/30/2012
12080876-017B	Soil		0.03015	0	0	1	33.167	8/30/2012	8/30/2012
12080876-022B	Soil		0.03013	0	0	1	33.190	8/30/2012	8/30/2012
12080876-028B	Soil		0.03005	0	0	1	33.278	8/30/2012	8/30/2012
12080876-030B	Soil		0.03007	0	0	1	33.256	8/30/2012	8/30/2012
12080876-031B	Soil		0.03023	0	0	1	33.080	8/30/2012	8/30/2012
12080876-032B	Soil		0.0303	0	0	1	33.003	8/30/2012	8/30/2012
12080876-033B	Soil		0.03021	0	0	1	33.102	8/30/2012	8/30/2012
12080876-034B	Soil		0.03023	0	0	1	33.080	8/30/2012	8/30/2012
12080876-035B	Soil		0.0301	0	0	1	33.223	8/30/2012	8/30/2012
12080876-036B	Soil		0.03023	0	0	1	33.080	8/30/2012	8/30/2012
12080876-037B	Soil		0.03009	0	0	1	33.234	8/30/2012	8/30/2012
12080876-038B	Soil		0.03007	0	0	1	33.256	8/30/2012	8/30/2012
12080876-039B	Soil		0.03008	0	0	1	33.245	8/30/2012	8/30/2012
12080876-043B	Soil		0.03004	0	0	1	33.289	8/30/2012	8/30/2012
12080876-044B	Soil		0.03002	0	0	1	33.311	8/30/2012	8/30/2012
12080876-046B	Soil		0.03006	0	0	1	33.267	8/30/2012	8/30/2012
12080876-050B	Soil		0.03005	0	0	1	33.278	8/30/2012	8/30/2012
12080876-051B	Soil		0.03007	0	0	1	33.256	8/30/2012	8/30/2012
12080876-035BMS	Soil		0.0301	0	0	1	33.223	8/30/2012	8/30/2012
12080876-035BMSD	Soil		0.0301	0	0	1	33.223	8/30/2012	8/30/2012

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64562

Sample ID: **MB-64562-SVOC** SampType: **MBLK** TestCode: **SVOC_SOIL** Units: **mg/Kg** Prep Date: **8/30/2012** Run ID: **SVOC-6_120830A**
Client ID: ZZZZZ Batch ID: **64562** TestNo: **SW8270C** Analysis Date: **8/30/2012** SeqNo: **2231104**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.033									
Acenaphthylene	ND	0.033									
Anthracene	ND	0.033									
Benz(a)anthracene	ND	0.033									
Benzo(a)pyrene	ND	0.033									
Benzo(b)fluoranthene	ND	0.033									
Benzo(g,h,i)perylene	ND	0.033									
Benzo(k)fluoranthene	ND	0.033									
Chrysene	ND	0.033									
Dibenz(a,h)anthracene	ND	0.033									
Fluoranthene	ND	0.033									
Fluorene	ND	0.033									
Indeno(1,2,3-cd)pyrene	ND	0.033									
Naphthalene	ND	0.033									
Phenanthrene	ND	0.033									
Pyrene	ND	0.033									

Sample ID: **LCS-64562-SVOC** SampType: **LCS** TestCode: **SVOC_SOIL** Units: **mg/Kg** Prep Date: **8/30/2012** Run ID: **SVOC-6_120830A**
Client ID: ZZZZZ Batch ID: **64562** TestNo: **SW8270C** Analysis Date: **8/30/2012** SeqNo: **2231197**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.333	0.033	1.667	0	79.9	37	134	0	0		
4-Chloro-3-methylphenol	3.102	0.33	3.333	0	93.1	29	134	0	0		
2-Chlorophenol	2.472	0.17	3.333	0	74.2	29	105	0	0		
1,4-Dichlorobenzene	1.134	0.17	1.667	0	68	26	111	0	0		
2,4-Dinitrotoluene	1.39	0.033	1.667	0	83.4	46	125	0	0		
4-Nitrophenol	3.686	0.33	3.333	0	111	12	146	0	0		
N-Nitrosodi-n-propylamine	1.233	0.033	1.667	0	73.9	29	109	0	0		
Pentachlorophenol	3.052	0.033	3.333	0	91.6	10	192	0	0		
Phenol	2.548	0.17	3.333	0	76.4	27	104	0	0		
Pyrene	1.527	0.033	1.667	0	91.6	42	148	0	0		

Qualifiers:
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R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64562

Sample ID: LCS-64562-SVOC	SampType: LCS	TestCode: SVOC_SOIL	Units: mg/Kg	Prep Date: 8/30/2012	Run ID: SVOC-6_120830A
Client ID: ZZZZZ	Batch ID: 64562	TestNo: SW8270C		Analysis Date: 8/30/2012	SeqNo: 2231197

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.268	0.17	1.667	0	76.1	55	106	0	0		

Sample ID: 12080876-035BMS	SampType: MS	TestCode: SVOC_SOIL	Units: mg/Kg-dry	Prep Date: 8/30/2012	Run ID: SVOC-5_120831A
Client ID: SRA-3-2	Batch ID: 64562	TestNo: SW8270C		Analysis Date: 8/31/2012	SeqNo: 2232474

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.519	0.037	1.865	0	81.5	24	139	0	0		
4-Chloro-3-methylphenol	3.217	0.37	3.728	0	86.3	28	121	0	0		
2-Chlorophenol	2.695	0.19	3.728	0	72.3	21	102	0	0		
1,4-Dichlorobenzene	1.319	0.19	1.865	0	70.7	27	95	0	0		
2,4-Dinitrotoluene	1.702	0.037	1.865	0	91.3	32	127	0	0		
4-Nitrophenol	3.724	0.37	3.728	0	99.9	10	156	0	0		
N-Nitrosodi-n-propylamine	1.41	0.037	1.865	0	75.6	16	122	0	0		
Pentachlorophenol	3.623	0.037	3.728	0	97.2	10	204	0	0		
Phenol	2.742	0.19	3.728	0	73.6	20	103	0	0		
Pyrene	1.672	0.037	1.865	0	89.7	10	184	0	0		
1,2,4-Trichlorobenzene	1.368	0.19	1.865	0	73.4	55	106	0	0		

Sample ID: 12080876-035BMSD	SampType: MSD	TestCode: SVOC_SOIL	Units: mg/Kg-dry	Prep Date: 8/30/2012	Run ID: SVOC-5_120831A
Client ID: SRA-3-2	Batch ID: 64562	TestNo: SW8270C		Analysis Date: 8/31/2012	SeqNo: 2232475

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.473	0.037	1.865	0	79	24	139	1.519	3.07	57	
4-Chloro-3-methylphenol	3.083	0.37	3.728	0	82.7	28	121	3.217	4.26	88	
2-Chlorophenol	2.562	0.19	3.728	0	68.7	21	102	2.695	5.04	49	
1,4-Dichlorobenzene	1.245	0.19	1.865	0	66.8	27	95	1.319	5.76	43	
2,4-Dinitrotoluene	1.666	0.037	1.865	0	89.3	32	127	1.702	2.15	37	
4-Nitrophenol	3.794	0.37	3.728	0	102	10	156	3.724	1.87	56	
N-Nitrosodi-n-propylamine	1.394	0.037	1.865	0	74.8	16	122	1.41	1.14	47	
Pentachlorophenol	3.54	0.037	3.728	0	95	10	204	3.623	2.30	47	
Phenol	2.611	0.19	3.728	0	70	20	103	2.742	4.92	66	

Qualifiers:
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H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64562

Sample ID: **12080876-035BMSD**	SampType: **MSD**	TestCode: **SVOC_SOIL**	Units: **mg/Kg-dry**	Prep Date: **8/30/2012**	Run ID: **SVOC-5_120831A**
Client ID: **SRA-3-2**	Batch ID: **64562**	TestNo: **SW8270C**		Analysis Date: **8/31/2012**	SeqNo: **2232475**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	1.717	0.037	1.865	0	92.1	10	184	1.672	2.64	51	
1,2,4-Trichlorobenzene	1.298	0.19	1.865	0	69.6	55	106	1.368	5.29	23	

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

STAT Analysis Corporation

PREP BATCH REPORT

Prep Start Date: **8/30/2012 4:31:47 P**
Prep End Date:

Prep Batch **64573** Prep Code: **3550_SVOC** Technician: **FAC**

Prep Factor Units: **mL / Kg**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-64573-SVOC			0.03	0	0	1	33.333	8/30/2012	8/30/2012
LCS-64573-SVOC			0.03	0	0	1	33.333	8/30/2012	8/30/2012
12080876-052B	Soil		0.03015	0	0	1	33.167	8/30/2012	8/30/2012
12080876-053B	Soil		0.03004	0	0	1	33.289	8/30/2012	8/30/2012
12080876-053BMS	Soil		0.03005	0	0	1	33.278	8/30/2012	8/30/2012
12080876-053BMSD	Soil		0.03005	0	0	1	33.278	8/30/2012	8/30/2012
12080876-054B	Soil		0.0301	0	0	1	33.223	8/30/2012	8/30/2012
12080876-055B	Soil		0.0301	0	0	1	33.223	8/30/2012	8/30/2012
12080876-056B	Soil		0.03023	0	0	1	33.080	8/30/2012	8/30/2012
12080876-057B	Soil		0.03021	0	0	1	33.102	8/30/2012	8/30/2012
12080876-058B	Soil		0.03008	0	0	1	33.245	8/30/2012	8/30/2012
12080876-059B	Soil		0.03009	0	0	1	33.234	8/31/2012	8/30/2012
12080643-002B	Soil		0.03027	0	0	1	33.036	8/31/2012	8/31/2012
12080643-003B	Soil		0.03017	0	0	1	33.146	8/31/2012	8/31/2012
12080692-001B	Soil		0.03015	0	0	1	33.167	8/31/2012	8/31/2012
12081027-001B	Soil		0.0302	0	0	1	33.113	8/31/2012	8/31/2012
12081027-002B	Soil		0.03023	0	0	1	33.080	8/31/2012	8/31/2012
12081027-003B	Soil		0.03028	0	0	1	33.025	8/31/2012	8/31/2012
12080839-002B	Soil		0.03031	0	0	1	32.992	8/31/2012	8/31/2012

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64573

Sample ID: MB-64573-SVOC	SampType: MBLK	TestCode: SVOC_SOIL	Units: mg/Kg	Prep Date: 8/30/2012	Run ID: SVOC-5_120830B
Client ID: ZZZZZ	Batch ID: 64573	TestNo: SW8270C		Analysis Date: 8/30/2012	SeqNo: 2231479

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.033									
Acenaphthylene	ND	0.033									
Anthracene	ND	0.033									
Benz(a)anthracene	ND	0.033									
Benzo(a)pyrene	ND	0.033									
Benzo(b)fluoranthene	ND	0.033									
Benzo(g,h,i)perylene	ND	0.033									
Benzo(k)fluoranthene	ND	0.033									
Chrysene	ND	0.033									
Dibenz(a,h)anthracene	ND	0.033									
Fluoranthene	ND	0.033									
Fluorene	ND	0.033									
Indeno(1,2,3-cd)pyrene	ND	0.033									
Naphthalene	ND	0.033									
Phenanthrene	ND	0.033									
Pyrene	ND	0.033									

Sample ID: LCS-64573-SVOC	SampType: LCS	TestCode: SVOC_SOIL	Units: mg/Kg	Prep Date: 8/30/2012	Run ID: SVOC-5_120830B
Client ID: ZZZZZ	Batch ID: 64573	TestNo: SW8270C		Analysis Date: 8/30/2012	SeqNo: 2231484

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	0.9193	0.033	1.667	0	55.1	37	134	0	0		
4-Chloro-3-methylphenol	1.82	0.33	3.333	0	54.6	29	134	0	0		
2-Chlorophenol	1.617	0.17	3.333	0	48.5	29	105	0	0		
1,4-Dichlorobenzene	0.7137	0.17	1.667	0	42.8	26	111	0	0		
2,4-Dinitrotoluene	1.033	0.033	1.667	0	62	46	125	0	0		
4-Nitrophenol	2.241	0.33	3.333	0	67.2	12	146	0	0		
N-Nitrosodi-n-propylamine	0.7753	0.033	1.667	0	46.5	29	109	0	0		
Pentachlorophenol	1.965	0.033	3.333	0	59	10	192	0	0		
Phenol	1.649	0.17	3.333	0	49.5	27	104	0	0		
Pyrene	1.117	0.033	1.667	0	67	42	148	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64573

Sample ID: LCS-64573-SVOC	SampType: LCS	TestCode: SVOC_SOIL	Units: mg/Kg	Prep Date: 8/30/2012	Run ID: SVOC-5_120830B
Client ID: ZZZZZ	Batch ID: 64573	TestNo: SW8270C		Analysis Date: 8/30/2012	SeqNo: 2231484

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	0.755	0.17	1.667	0	45.3	55	106	0	0		S

Sample ID: 12080876-053BMS	SampType: MS	TestCode: SVOC_SOIL	Units: mg/Kg-dry	Prep Date: 8/30/2012	Run ID: SVOC-5_120831A
Client ID: WS-8-2	Batch ID: 64573	TestNo: SW8270C		Analysis Date: 8/31/2012	SeqNo: 2231913

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.402	0.041	2.05	0	68.4	24	139	0	0		
4-Chloro-3-methylphenol	2.957	0.41	4.098	0	72.2	28	121	0	0		
2-Chlorophenol	2.207	0.21	4.098	0	53.9	21	102	0	0		
1,4-Dichlorobenzene	1.052	0.21	2.05	0	51.3	27	95	0	0		
2,4-Dinitrotoluene	1.717	0.041	2.05	0	83.8	32	127	0	0		
4-Nitrophenol	3.89	0.41	4.098	0	94.9	10	156	0	0		
N-Nitrosodi-n-propylamine	1.192	0.041	2.05	0	58.1	16	122	0	0		
Pentachlorophenol	3.764	0.041	4.098	0	91.9	10	204	0	0		
Phenol	2.283	0.21	4.098	0	55.7	20	103	0	0		
Pyrene	1.781	0.041	2.05	0	86.9	10	184	0	0		
1,2,4-Trichlorobenzene	1.11	0.21	2.05	0	54.1	55	106	0	0		S

Sample ID: 12080876-053BMSD	SampType: MSD	TestCode: SVOC_SOIL	Units: mg/Kg-dry	Prep Date: 8/30/2012	Run ID: SVOC-5_120831A
Client ID: WS-8-2	Batch ID: 64573	TestNo: SW8270C		Analysis Date: 8/31/2012	SeqNo: 2231917

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.188	0.041	2.05	0	57.9	24	139	1.402	16.6	57	
4-Chloro-3-methylphenol	2.548	0.41	4.098	0	62.2	28	121	2.957	14.8	88	
2-Chlorophenol	2.128	0.21	4.098	0	51.9	21	102	2.207	3.65	49	
1,4-Dichlorobenzene	0.9225	0.21	2.05	0	45	27	95	1.052	13.1	43	
2,4-Dinitrotoluene	1.371	0.041	2.05	0	66.9	32	127	1.717	22.4	37	
4-Nitrophenol	3.142	0.41	4.098	0	76.7	10	156	3.89	21.3	56	
N-Nitrosodi-n-propylamine	1.053	0.041	2.05	0	51.4	16	122	1.192	12.3	47	
Pentachlorophenol	2.792	0.041	4.098	0	68.1	10	204	3.764	29.7	47	
Phenol	2.185	0.21	4.098	0	53.3	20	103	2.283	4.37	66	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64573

Sample ID: **12080876-053BMSD**	SampType: **MSD**	TestCode: **SVOC_SOIL**	Units: **mg/Kg-dry**	Prep Date: **8/30/2012**	Run ID: **SVOC-5_120831A**
Client ID: **WS-8-2**	Batch ID: **64573**	TestNo: **SW8270C**		Analysis Date: **8/31/2012**	SeqNo: **2231917**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	1.312	0.041	2.05	0	64	10	184	1.781	30.3	51	
1,2,4-Trichlorobenzene	0.9967	0.21	2.05	0	48.6	55	106	1.11	10.7	23	S

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

STAT Analysis Corporation

PREP BATCH REPORT

Prep Start Date: **9/4/2012 10:57:25 A**
Prep End Date:

Prep Batch **64614** Prep Code: **3550_SVOC** Technician: **FAC**

Prep Factor Units: **mL / Kg**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-64614-SVOC			0.03	0	0	1	33.333	9/4/2012	9/4/2012
LCS-64614-SVOC			0.03	0	0	1	33.333	9/4/2012	9/4/2012
12080876-028B	Soil		0.03008	0	0	1	33.245	9/4/2012	9/4/2012
12080876-053B	Soil		0.03046	0	0	1	32.830	9/4/2012	9/4/2012
12081071-001B	Soil		0.03012	0	0	1	33.201	9/4/2012	9/4/2012
12081071-002B	Soil		0.03004	0	0	1	33.289	9/4/2012	9/4/2012
12081071-003B	Soil		0.03091	0	0	1	32.352	9/4/2012	9/4/2012
12081071-004B	Soil		0.03009	0	0	1	33.234	9/4/2012	9/4/2012
12081071-005B	Soil		0.03034	0	0	1	32.960	9/4/2012	9/4/2012
12081071-006B	Soil		0.03052	0	0	1	32.765	9/4/2012	9/4/2012
12090002-001B	Soil		0.03005	0	0	1	33.278	9/4/2012	9/4/2012
12090002-002B	Soil		0.03038	0	0	1	32.916	9/4/2012	9/4/2012
12090002-003B	Soil		0.03012	0	0	1	33.201	9/4/2012	9/4/2012
12090002-004B	Soil		0.0303	0	0	1	33.003	9/4/2012	9/4/2012
12090002-005B	Soil		0.03038	0	0	1	32.916	9/4/2012	9/4/2012
12090002-006B	Soil		0.03011	0	0	1	33.212	9/4/2012	9/4/2012
12090014-001B	Soil		0.03042	0	0	1	32.873	9/4/2012	9/4/2012
12090019-001A	Soil		0.03033	0	0	1	32.971	9/4/2012	9/4/2012
12090019-002A	Soil		0.03038	0	0	1	32.916	9/4/2012	9/4/2012
12090019-003A	Soil		0.03011	0	0	1	33.212	9/4/2012	9/4/2012
12081071-001BMS	Soil		0.03011	0	0	1	33.212	9/4/2012	9/4/2012
12081071-001BMSD	Soil		0.03014	0	0	1	33.179	9/4/2012	9/4/2012
12081070-001A	Soil		0.03008	0	0	1	33.245	9/5/2012	9/5/2012
12090032-001B	Soil		0.03011	0	0	1	33.212	9/5/2012	9/5/2012

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64614

Sample ID: MB-64614-SVOC	SampType: MBLK	TestCode: SVOC_SOIL	Units: mg/Kg	Prep Date: 9/4/2012	Run ID: SVOC-5_120904A
Client ID: ZZZZZ	Batch ID: 64614	TestNo: SW8270C		Analysis Date: 9/4/2012	SeqNo: 2232789

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	ND	0.033									
Acenaphthylene	ND	0.033									
Anthracene	ND	0.033									
Benz(a)anthracene	ND	0.033									
Benzo(a)pyrene	ND	0.033									
Benzo(b)fluoranthene	ND	0.033									
Benzo(g,h,i)perylene	ND	0.033									
Benzo(k)fluoranthene	ND	0.033									
Chrysene	ND	0.033									
Dibenz(a,h)anthracene	ND	0.033									
Fluoranthene	ND	0.033									
Fluorene	ND	0.033									
Indeno(1,2,3-cd)pyrene	ND	0.033									
Naphthalene	ND	0.033									
Phenanthrene	ND	0.033									
Pyrene	ND	0.033									

Sample ID: LCS-64614-SVOC	SampType: LCS	TestCode: SVOC_SOIL	Units: mg/Kg	Prep Date: 9/4/2012	Run ID: SVOC-6_120904A
Client ID: ZZZZZ	Batch ID: 64614	TestNo: SW8270C		Analysis Date: 9/4/2012	SeqNo: 2232790

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.481	0.033	1.667	0	88.8	37	134	0	0		
4-Chloro-3-methylphenol	3.331	0.33	3.333	0	99.9	29	134	0	0		
2-Chlorophenol	2.7	0.17	3.333	0	81	29	105	0	0		
1,4-Dichlorobenzene	1.285	0.17	1.667	0	77.1	26	111	0	0		
2,4-Dinitrotoluene	1.535	0.033	1.667	0	92.1	46	125	0	0		
4-Nitrophenol	4.268	0.33	3.333	0	128	12	146	0	0		E
N-Nitrosodi-n-propylamine	1.362	0.033	1.667	0	81.7	29	109	0	0		
Pentachlorophenol	3.422	0.033	3.333	0	103	10	192	0	0		
Phenol	2.783	0.17	3.333	0	83.5	27	104	0	0		
Pyrene	1.592	0.033	1.667	0	95.5	42	148	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64614

Sample ID: LCS-64614-SVOC	SampType: LCS	TestCode: SVOC_SOIL	Units: mg/Kg	Prep Date: 9/4/2012	Run ID: SVOC-6_120904A
Client ID: ZZZZZ	Batch ID: 64614	TestNo: SW8270C		Analysis Date: 9/4/2012	SeqNo: 2232790

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trichlorobenzene	1.399	0.17	1.667	0	83.9	55	106	0	0		

Sample ID: 12081071-001BMS	SampType: MS	TestCode: SVOC_SOIL	Units: mg/Kg-dry	Prep Date: 9/4/2012	Run ID: SVOC-6_120904A
Client ID: ZZZZZ	Batch ID: 64614	TestNo: SW8270C		Analysis Date: 9/4/2012	SeqNo: 2232740

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.601	0.039	1.938	0	82.6	24	139	0	0		
4-Chloro-3-methylphenol	3.732	0.39	3.875	0	96.3	28	121	0	0		
2-Chlorophenol	2.759	0.20	3.875	0	71.2	21	102	0	0		
1,4-Dichlorobenzene	1.266	0.20	1.938	0	65.3	27	95	0	0		
2,4-Dinitrotoluene	1.654	0.039	1.938	0	85.3	32	127	0	0		
4-Nitrophenol	4.997	0.39	3.875	0	129	10	156	0	0		E
N-Nitrosodi-n-propylamine	1.417	0.039	1.938	0	73.1	16	122	0	0		
Pentachlorophenol	3.841	0.039	3.875	0	99.1	10	204	0	0		
Phenol	2.927	0.20	3.875	0	75.5	20	103	0	0		
Pyrene	1.868	0.039	1.938	0	96.4	10	184	0	0		
1,2,4-Trichlorobenzene	1.445	0.20	1.938	0	74.6	55	106	0	0		

Sample ID: 12081071-001BMSD	SampType: MSD	TestCode: SVOC_SOIL	Units: mg/Kg-dry	Prep Date: 9/4/2012	Run ID: SVOC-6_120904A
Client ID: ZZZZZ	Batch ID: 64614	TestNo: SW8270C		Analysis Date: 9/4/2012	SeqNo: 2232741

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acenaphthene	1.708	0.039	1.936	0	88.2	24	139	1.601	6.48	57	
4-Chloro-3-methylphenol	3.881	0.39	3.871	0	100	28	121	3.732	3.92	88	
2-Chlorophenol	3.034	0.20	3.871	0	78.4	21	102	2.759	9.51	49	
1,4-Dichlorobenzene	1.42	0.20	1.936	0	73.4	27	95	1.266	11.5	43	
2,4-Dinitrotoluene	1.726	0.039	1.936	0	89.2	32	127	1.654	4.30	37	
4-Nitrophenol	5.186	0.39	3.871	0	134	10	156	4.997	3.71	56	E
N-Nitrosodi-n-propylamine	1.492	0.039	1.936	0	77	16	122	1.417	5.15	47	
Pentachlorophenol	3.969	0.039	3.871	0	103	10	204	3.841	3.29	47	
Phenol	3.159	0.20	3.871	0	81.6	20	103	2.927	7.60	66	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
* - Non Accredited Parameter
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64614

Sample ID: **12081071-001BMSD** SampType: **MSD** TestCode: **SVOC_SOIL** Units: **mg/Kg-dry** Prep Date: **9/4/2012** Run ID: **SVOC-6_120904A**
Client ID: **ZZZZZ** Batch ID: **64614** TestNo: **SW8270C** Analysis Date: **9/4/2012** SeqNo: **2232741**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	1.859	0.039	1.936	0	96	10	184	1.868	0.474	51	
1,2,4-Trichlorobenzene	1.518	0.20	1.936	0	78.4	55	106	1.445	4.95	23	

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

STAT Analysis Corporation

PREP BATCH REPORT

Prep Start Date: **9/4/2012 2:15:01 PM**
Prep End Date:

Prep Batch **64621** Prep Code: **3580_TPH** Technician: **FAC**

Prep Factor Units: **mL / Kg**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
MB-64621-TPH			0.005	0	0	5	1000.000	9/4/2012	9/4/2012
LCS-64621-TPH			0.005	0	0	5	1000.000	9/4/2012	9/4/2012
12080876-017B	Soil		0.00503	0	0	5	994.036	9/4/2012	9/4/2012
12080876-022B	Soil		0.00508	0	0	5	984.252	9/4/2012	9/4/2012
12080876-042B	Soil		0.00541	0	0	5	924.214	9/4/2012	9/4/2012
12080876-057B	Soil		0.00509	0	0	5	982.318	9/4/2012	9/4/2012
12080876-057BMS	Soil		0.00502	0	0	5	996.016	9/4/2012	9/4/2012
12080876-057BMSD	Soil		0.00507	0	0	5	986.193	9/4/2012	9/4/2012
12081052-004B	Soil		0.00508	0	0	5	984.252	9/4/2012	9/4/2012

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64621

Sample ID: MB-64621-TPH	SampType: MBLK	TestCode: TPH_S	Units: mg/Kg	Prep Date: 9/4/2012	Run ID: GC-FID-2_120904A
Client ID: ZZZZZ	Batch ID: 64621	TestNo: SW8015M		Analysis Date: 9/4/2012	SeqNo: 2233260

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (GRO)	ND	20									
TPH (DRO)	3.235	20									J
TPH (ERO)	ND	20									*

Sample ID: LCS-64621-TPH	SampType: LCS	TestCode: TPH_S	Units: mg/Kg	Prep Date: 9/4/2012	Run ID: GC-FID-2_120904A
Client ID: ZZZZZ	Batch ID: 64621	TestNo: SW8015M		Analysis Date: 9/4/2012	SeqNo: 2233259

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (GRO)	153	20	200	0	76.5	30	150	0	0		
TPH (DRO)	225.3	20	200	3.235	111	30	150	0	0		
TPH (ERO)	211.4	20	200	0	106	30	150	0	0		*

Sample ID: 12080876-057BMS	SampType: MS	TestCode: TPH_S	Units: mg/Kg-dry	Prep Date: 9/4/2012	Run ID: GC-FID-2_120904A
Client ID: WS-10-1	Batch ID: 64621	TestNo: SW8015M		Analysis Date: 9/4/2012	SeqNo: 2233257

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (GRO)	4445	21	208.8	3645	383	30	150	0	0		S
TPH (DRO)	2684	21	208.8	2475	100	30	150	0	0		
TPH (ERO)	244.4	21	208.8	21.61	107	30	150	0	0		*

Sample ID: 12080876-057BMSD	SampType: MSD	TestCode: TPH_S	Units: mg/Kg-dry	Prep Date: 9/4/2012	Run ID: GC-FID-2_120904A
Client ID: WS-10-1	Batch ID: 64621	TestNo: SW8015M		Analysis Date: 9/4/2012	SeqNo: 2233258

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH (GRO)	3484	21	206.7	3645	-77.8	30	150	4445	24.2	25	S
TPH (DRO)	2339	21	206.7	2475	-65.7	30	150	2684	13.7	25	S
TPH (ERO)	232	21	206.7	21.61	102	30	150	244.4	5.21	25	*

Qualifiers:
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H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

STAT Analysis Corporation

PREP BATCH REPORT

Prep Start Date: **8/29/2012 9:40:00 A**
Prep End Date: **8/29/2012 1:20:00 P**

Prep Batch **64532** Prep Code: **M_S_PREP** Technician: **MDDT**

Prep Factor Units: **mL / g**

Sample ID	Matrix	pH	SampAmt	Sol Added	Sol Recov	Fin Vol	factor	PrepStart	PrepEnd
IMBS2 8/29/12			1	0	0	50	50.000	8/29/2012	8/29/2012
ILCSS2 8/29/12			1	0	0	50	50.000	8/29/2012	8/29/2012
12080876-001B	Soil		0.951	0	0	50	52.576	8/29/2012	8/29/2012
12080876-002B	Soil		0.93	0	0	50	53.763	8/29/2012	8/29/2012
12080876-003B	Soil		0.957	0	0	50	52.247	8/29/2012	8/29/2012
12080876-004B	Soil		0.993	0	0	50	50.352	8/29/2012	8/29/2012
12080876-004BMS	Soil		0.979	0	0	50	51.073	8/29/2012	8/29/2012
12080876-004BMSD	Soil		0.97	0	0	50	51.546	8/29/2012	8/29/2012
12080876-005B	Soil		0.949	0	0	50	52.687	8/29/2012	8/29/2012
12080876-006B	Soil		0.903	0	0	50	55.371	8/29/2012	8/29/2012
12080876-007B	Soil		1.014	0	0	50	49.310	8/29/2012	8/29/2012
12080876-008B	Soil		1.017	0	0	50	49.164	8/29/2012	8/29/2012
12080876-009B	Soil		0.983	0	0	50	50.865	8/29/2012	8/29/2012
12080876-010B	Soil		0.986	0	0	50	50.710	8/29/2012	8/29/2012
12080876-011B	Soil		0.972	0	0	50	51.440	8/29/2012	8/29/2012
12080876-012B	Soil		0.978	0	0	50	51.125	8/29/2012	8/29/2012
12080740-001BSAMP			0.113	0	0	50	442.478	8/29/2012	8/29/2012
12080740-001B	Product		0.284	0	0	50	176.056	8/29/2012	8/29/2012
12080741-001B	Product		0.232	0	0	50	215.517	8/29/2012	8/29/2012

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: 64532

Sample ID: IMBS2 8/29/12	SampType: MBLK	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 8/29/2012	Run ID: ICPMS-2_120829A
Client ID: ZZZZZ	Batch ID: 64532	TestNo: SW6020		Analysis Date: 8/29/2012	SeqNo: 2230584

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.195	0.25									J

Sample ID: ILCSS2 8/29/12	SampType: LCS	TestCode: M_ICPMS_S	Units: mg/Kg	Prep Date: 8/29/2012	Run ID: ICPMS-2_120829A
Client ID: ZZZZZ	Batch ID: 64532	TestNo: SW6020		Analysis Date: 8/29/2012	SeqNo: 2230585

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	26.38	0.25	25	0.195	105	80	120	0	0		

Sample ID: 12080876-004BMS	SampType: MS	TestCode: M_ICPMS_S	Units: mg/Kg-dry	Prep Date: 8/29/2012	Run ID: ICPMS-2_120829A
Client ID: UST-2-2	Batch ID: 64532	TestNo: SW6020		Analysis Date: 8/29/2012	SeqNo: 2230593

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	31.65	0.53	26.63	2.349	110	75	125	0	0		

Sample ID: 12080876-004BMSD	SampType: MSD	TestCode: M_ICPMS_S	Units: mg/Kg-dry	Prep Date: 8/29/2012	Run ID: ICPMS-2_120829A
Client ID: UST-2-2	Batch ID: 64532	TestNo: SW6020		Analysis Date: 8/29/2012	SeqNo: 2230594

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	32.41	0.54	26.87	2.349	112	75	125	31.65	2.38	20	

Qualifiers:
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H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R82859

Sample ID: PMMBK3 8/27/2012	SampType: MBLK	TestCode: PMOIST	Units: wt%	Prep Date: 8/27/2012	Run ID: BALANCE_120827C
Client ID: ZZZZZ	Batch ID: R82859	TestNo: D2974		Analysis Date: 8/28/2012	SeqNo: 2229198

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	ND	0.200									*

Sample ID: PMLCS-S3 8/27/2012	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 8/27/2012	Run ID: BALANCE_120827C
Client ID: ZZZZZ	Batch ID: R82859	TestNo: D2974		Analysis Date: 8/28/2012	SeqNo: 2229199

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	4.56	0.200	5	0	91.2	80	120	0	0		*

Sample ID: PMLCS-W3 8/27/201	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 8/27/2012	Run ID: BALANCE_120827C
Client ID: ZZZZZ	Batch ID: R82859	TestNo: D2974		Analysis Date: 8/28/2012	SeqNo: 2229200

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	99.83	0.200	99.8	0	100	80	120	0	0		*

Sample ID: 12080834-002B DUP	SampType: DUP	TestCode: PMOIST	Units: wt%	Prep Date: 8/27/2012	Run ID: BALANCE_120827C
Client ID: ZZZZZ	Batch ID: R82859	TestNo: D2974		Analysis Date: 8/28/2012	SeqNo: 2229202

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	11.4	0.200	0	0	0	0	0	11.1	2.67	20	*

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R82880

Sample ID: PMMBK 8/28/12	SampType: MBLK	TestCode: PMOIST	Units: wt%	Prep Date: 8/28/2012	Run ID: BALANCE_120828A
Client ID: ZZZZZ	Batch ID: R82880	TestNo: D2974		Analysis Date: 8/29/2012	SeqNo: 2229773

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	ND	0.200									*

Sample ID: PMLCS-S 8/28/12	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 8/28/2012	Run ID: BALANCE_120828A
Client ID: ZZZZZ	Batch ID: R82880	TestNo: D2974		Analysis Date: 8/29/2012	SeqNo: 2229774

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	4.55	0.200	5	0	91	80	120	0	0		*

Sample ID: PMLCS-W 8/28/12	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 8/28/2012	Run ID: BALANCE_120828A
Client ID: ZZZZZ	Batch ID: R82880	TestNo: D2974		Analysis Date: 8/29/2012	SeqNo: 2229775

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	99.81	0.200	99.8	0	100	80	120	0	0		*

Sample ID: 12080876-010B DUP	SampType: DUP	TestCode: PMOIST	Units: wt%	Prep Date: 8/28/2012	Run ID: BALANCE_120828A
Client ID: UST-5-2	Batch ID: R82880	TestNo: D2974		Analysis Date: 8/29/2012	SeqNo: 2229777

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	16.94	0.200	0	0	0	0	0	15.46	9.14	20	*

Qualifiers:
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H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
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CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R82881

Sample ID: PMMBK2 8/28/12	SampType: MBLK	TestCode: PMOIST	Units: wt%	Prep Date: 8/28/2012	Run ID: BALANCE_120828B
Client ID: ZZZZZ	Batch ID: R82881	TestNo: D2974		Analysis Date: 8/29/2012	SeqNo: 2229841

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	ND	0.200									*

Sample ID: PMLCS-S2 8/28/12	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 8/28/2012	Run ID: BALANCE_120828B
Client ID: ZZZZZ	Batch ID: R82881	TestNo: D2974		Analysis Date: 8/29/2012	SeqNo: 2229842

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	4.72	0.200	5	0	94.4	80	120	0	0		*

Sample ID: PMLCS-W2 8/28/12	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 8/28/2012	Run ID: BALANCE_120828B
Client ID: ZZZZZ	Batch ID: R82881	TestNo: D2974		Analysis Date: 8/29/2012	SeqNo: 2229843

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	99.82	0.200	99.8	0	100	80	120	0	0		*

Sample ID: 12080884-001B DUP	SampType: DUP	TestCode: PMOIST	Units: wt%	Prep Date: 8/28/2012	Run ID: BALANCE_120828B
Client ID: ZZZZZ	Batch ID: R82881	TestNo: D2974		Analysis Date: 8/29/2012	SeqNo: 2229846

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	19.24	0.200	0	0	0	0	0	19.34	0.518	20	*

Qualifiers:
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H/HT - Holding Time Exceeded
B - Analyte detected in the associated Method Blank
E - Value above quantitation range

CLIENT: Camp, Dresser and McKee
Work Order: 12080876
Project: Omnitrax Wedron, Wedron, IL

ANALYTICAL QC SUMMARY REPORT

BatchID: R82953

Sample ID: PMMBK 8/30/12	SampType: MBLK	TestCode: PMOIST	Units: wt%	Prep Date: 8/30/2012	Run ID: BALANCE_120830C
Client ID: ZZZZZ	Batch ID: R82953	TestNo: D2974		Analysis Date: 8/31/2012	SeqNo: 2231618

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	ND	0.200									*

Sample ID: PMLCS-S 8/30/12	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 8/30/2012	Run ID: BALANCE_120830C
Client ID: ZZZZZ	Batch ID: R82953	TestNo: D2974		Analysis Date: 8/31/2012	SeqNo: 2231619

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	5.02	0.200	5	0	100	80	120	0	0		*

Sample ID: PMLCS-W 8/30/12	SampType: LCS	TestCode: PMOIST	Units: wt%	Prep Date: 8/30/2012	Run ID: BALANCE_120830C
Client ID: ZZZZZ	Batch ID: R82953	TestNo: D2974		Analysis Date: 8/31/2012	SeqNo: 2231620

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	99.83	0.200	99.8	0	100	80	120	0	0		*

Sample ID: 12080643-004A DUP	SampType: DUP	TestCode: PMOIST	Units: wt%	Prep Date: 8/30/2012	Run ID: BALANCE_120830C
Client ID: ZZZZZ	Batch ID: R82953	TestNo: D2974		Analysis Date: 8/31/2012	SeqNo: 2231622

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	19.27	0.200	0	0	0	0	0	17.9	7.37	20	*

Qualifiers:
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H/HT - Holding Time Exceeded
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E - Value above quantitation range

APPENDIX C

HISTORICAL AERIAL PHOTOGRAPHS

3450 E. 2056th Road
Wedron, IL

N

2009

HIG Project # 124380
Client Project # 93562
Approximate Scale 1:6000 (1"=500')

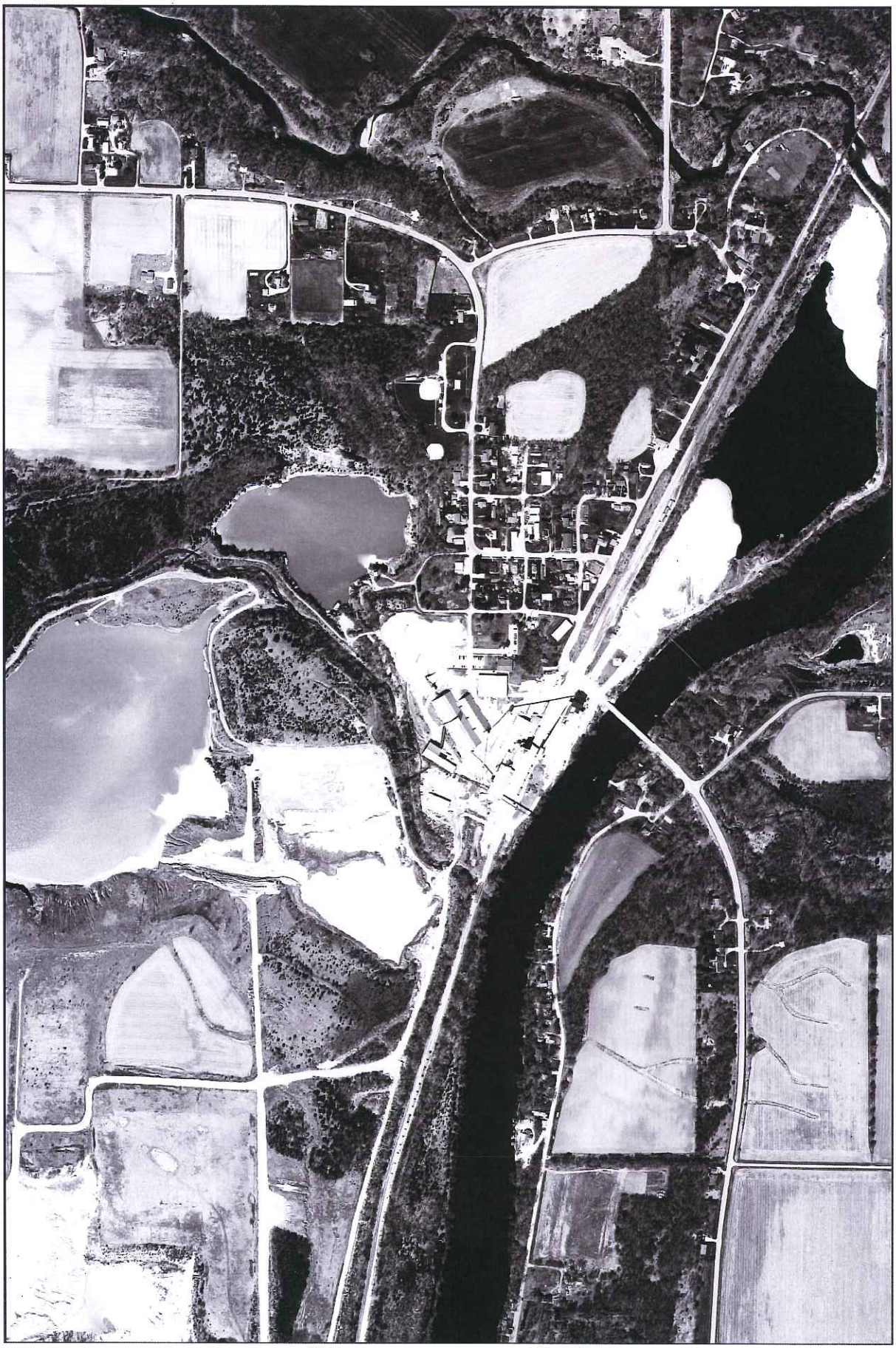
3450 E. 2056th Road
Wedron, IL

N

2007

HIG Project # 124380
Client Project # 93562
Approximate Scale 1:6000 (1"=500')

HIG

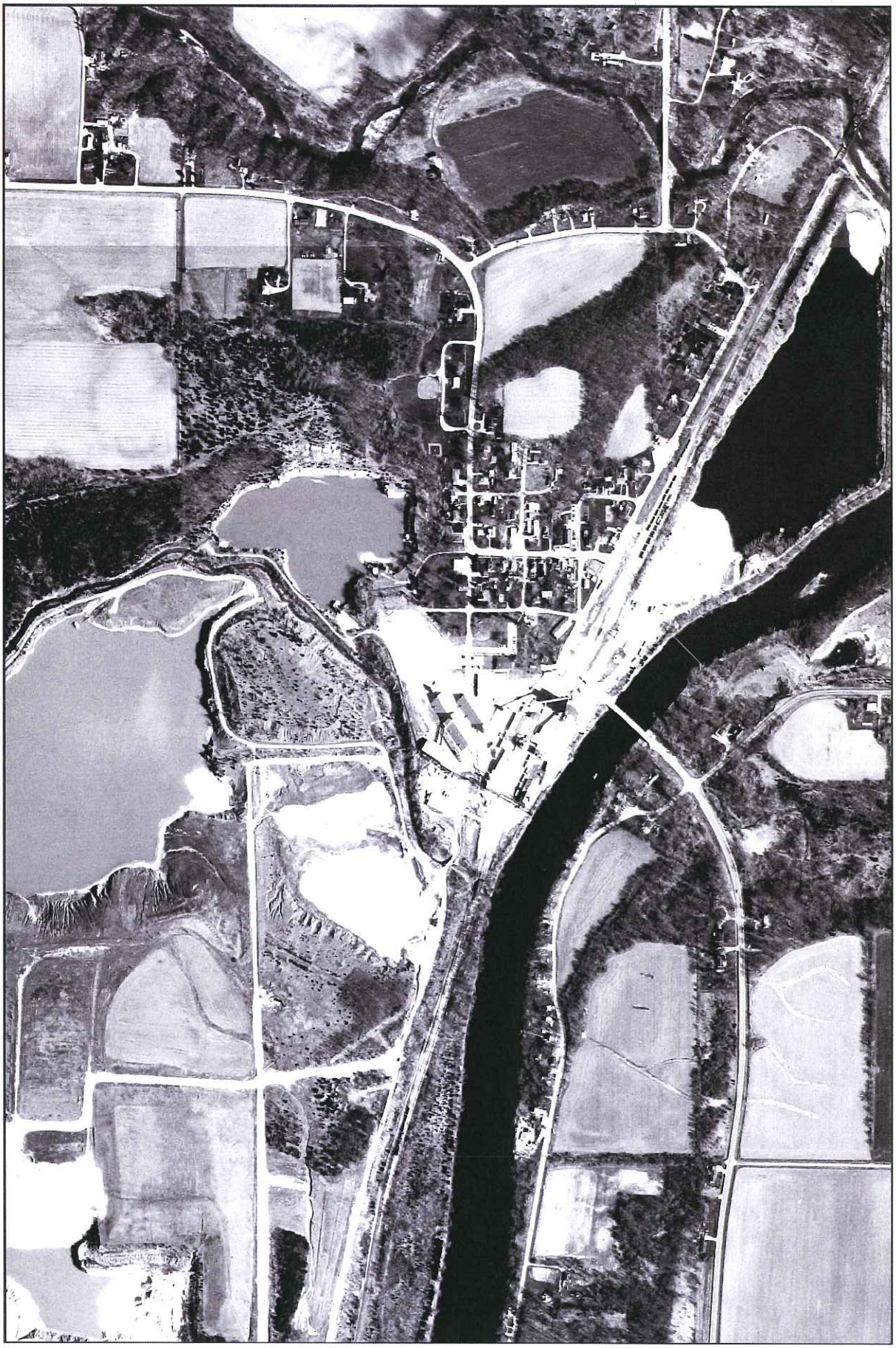


3450 E. 2056th Road
Wedron, IL

N

2005

HIG Project # 124380
Client Project # 93562
Approximate Scale 1:6000 (1"=500')



3450 E. 2056th Road
Wedron, IL

N

1999

HIG Project # 124380
Client Project # 93562
Approximate Scale 1:6000 (1"=500')

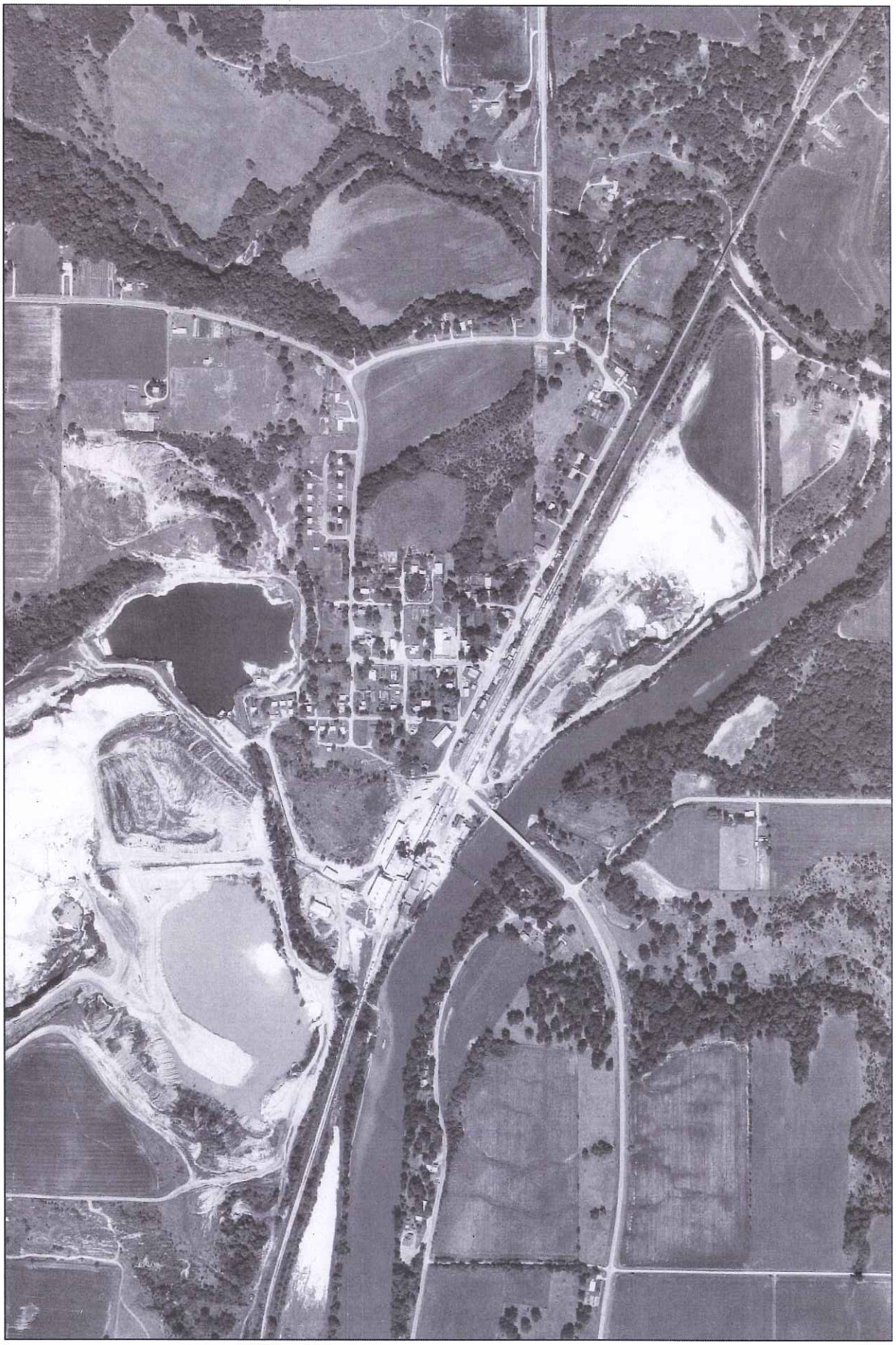
3450 E. 2056th Road
Wedron, IL

N

1988

HIG Project # 124380
Client Project # 93562
Approximate Scale 1:9600 (1"=800')

HIG



3450 E. 2056th Road
Wedron, IL

N

1970

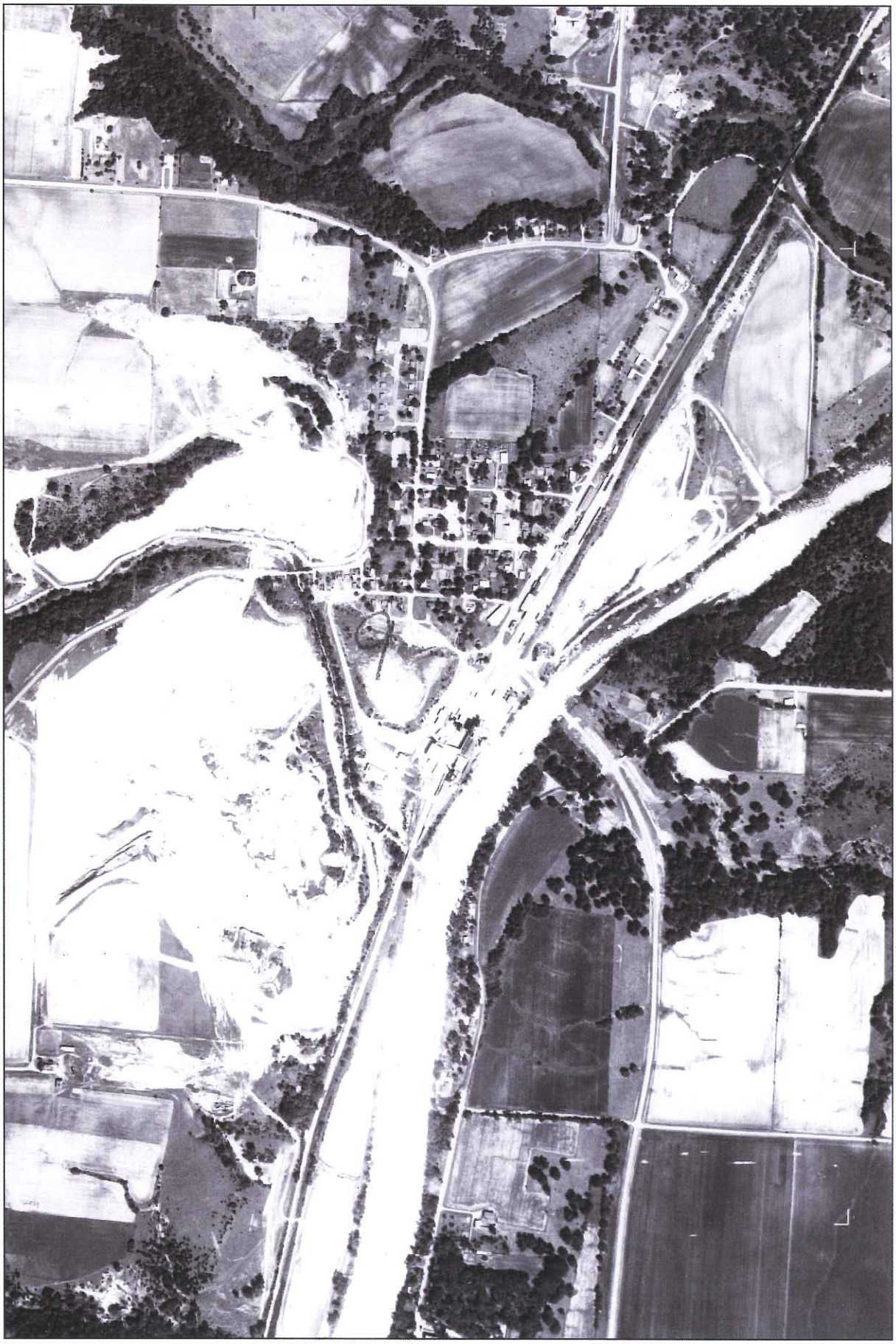
HIG Project # 124380
Client Project # 93562
Approximate Scale 1:6000 (1"=500')

3450 E. 2056th Road
Wedron, IL

N

1967

HIG Project # 124380
Client Project # 93562
Approximate Scale 1:6000 (1"=500')

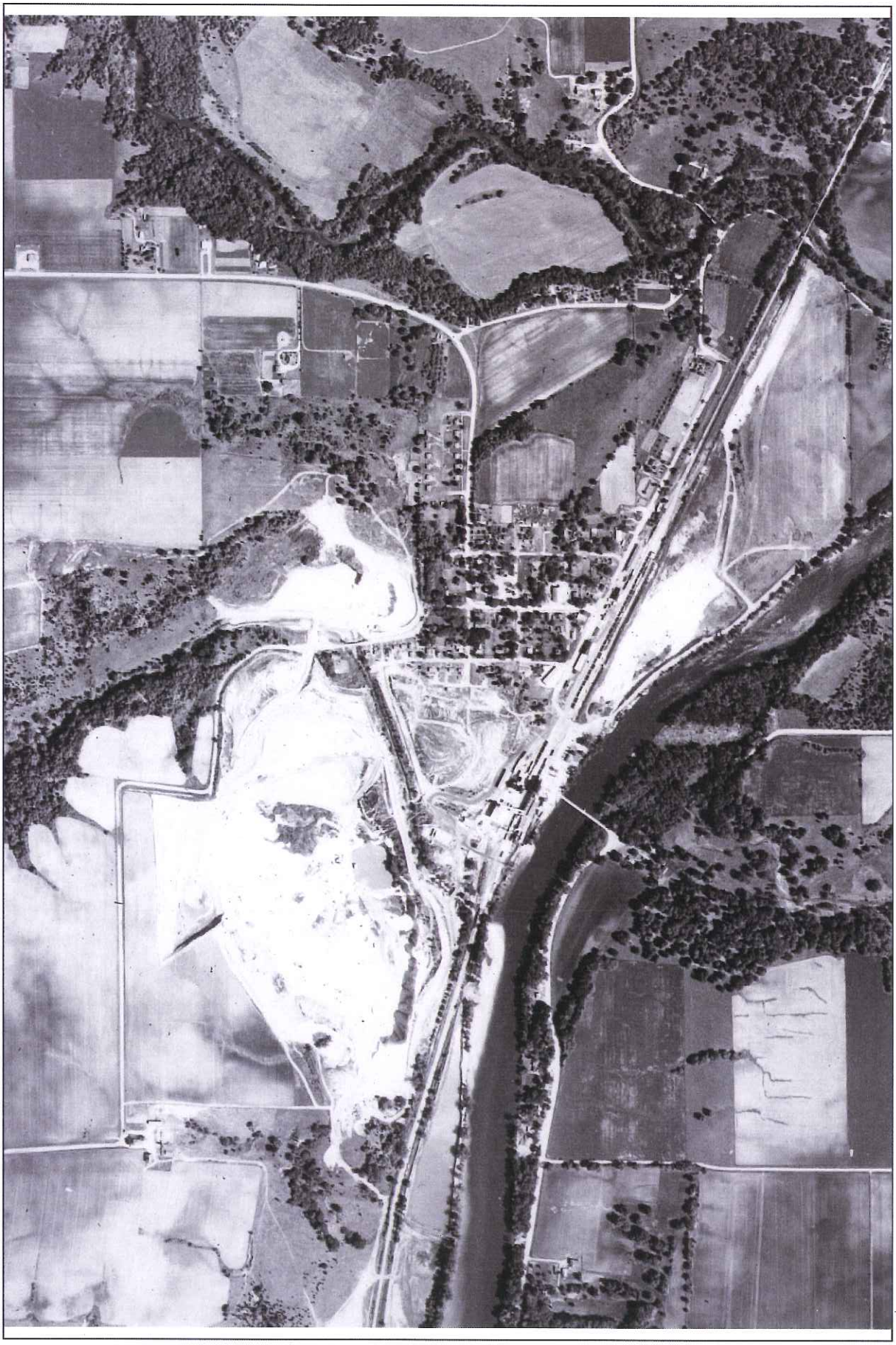


3450 E. 2056th Road
Wedron, IL

N

1964

HIG Project # 124380
Client Project # 93562
Approximate Scale 1:6000 (1"=500')

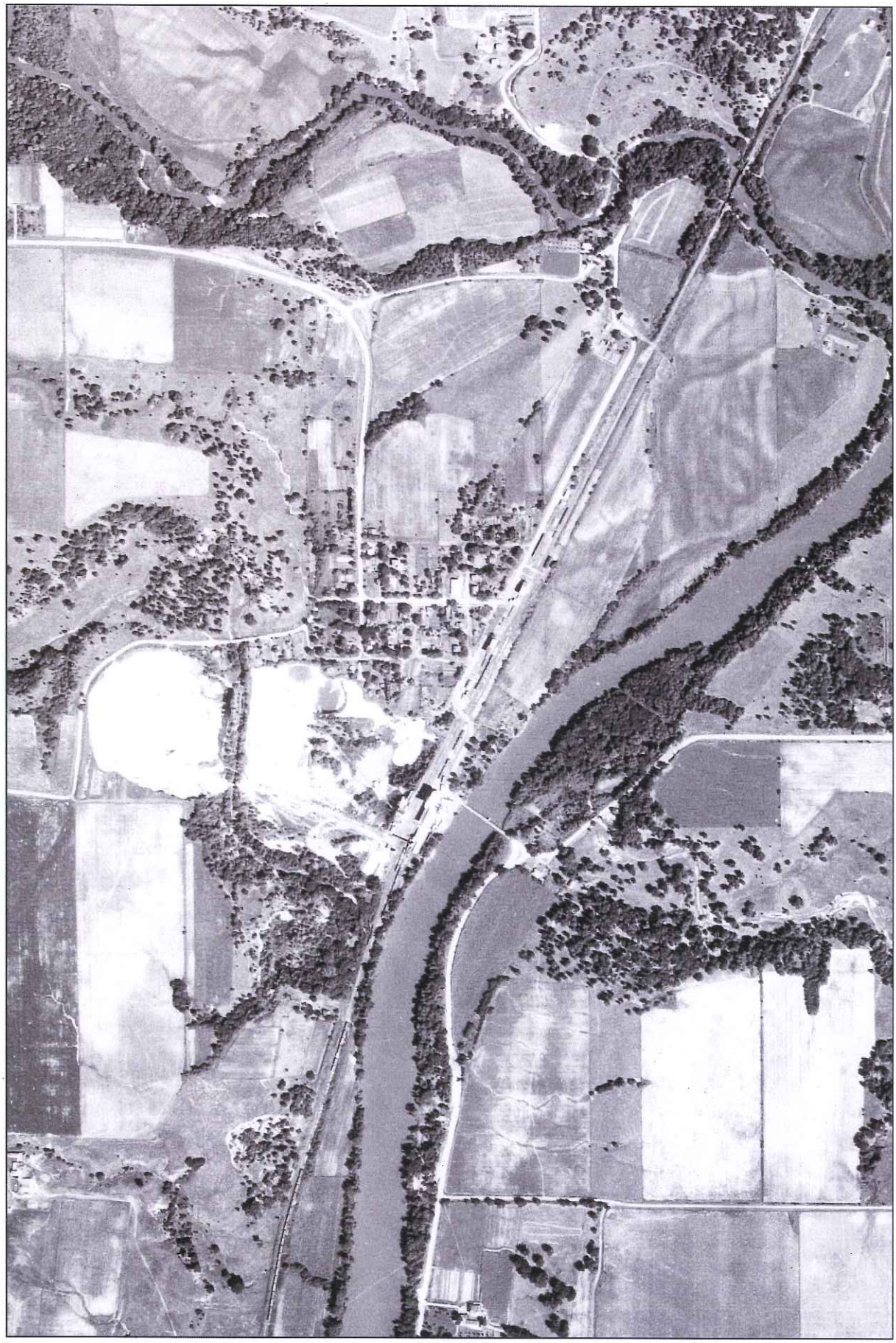


3450 E. 2056th Road
Wedron, IL

N

1958

HIG Project # 124380
Client Project # 93562
Approximate Scale 1:6000 (1"=500')



3450 E. 2056th Road
Wedron, IL

N

1939

HIG Project # 124380
Client Project # 93562
Approximate Scale 1:6000 (1"=500')